

EIGHT AND ONE-HALF MILE RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
AUGUST 08, 2022
10:30 A.M.
AGENDA

**NOTE: THIS MEETING WILL BE HELD IN PERSON WITH TELECONFERENCE
OPTION FOR PUBLIC**

**Call in Number: 1-318-935-0311
Access Code: 118 069 190**

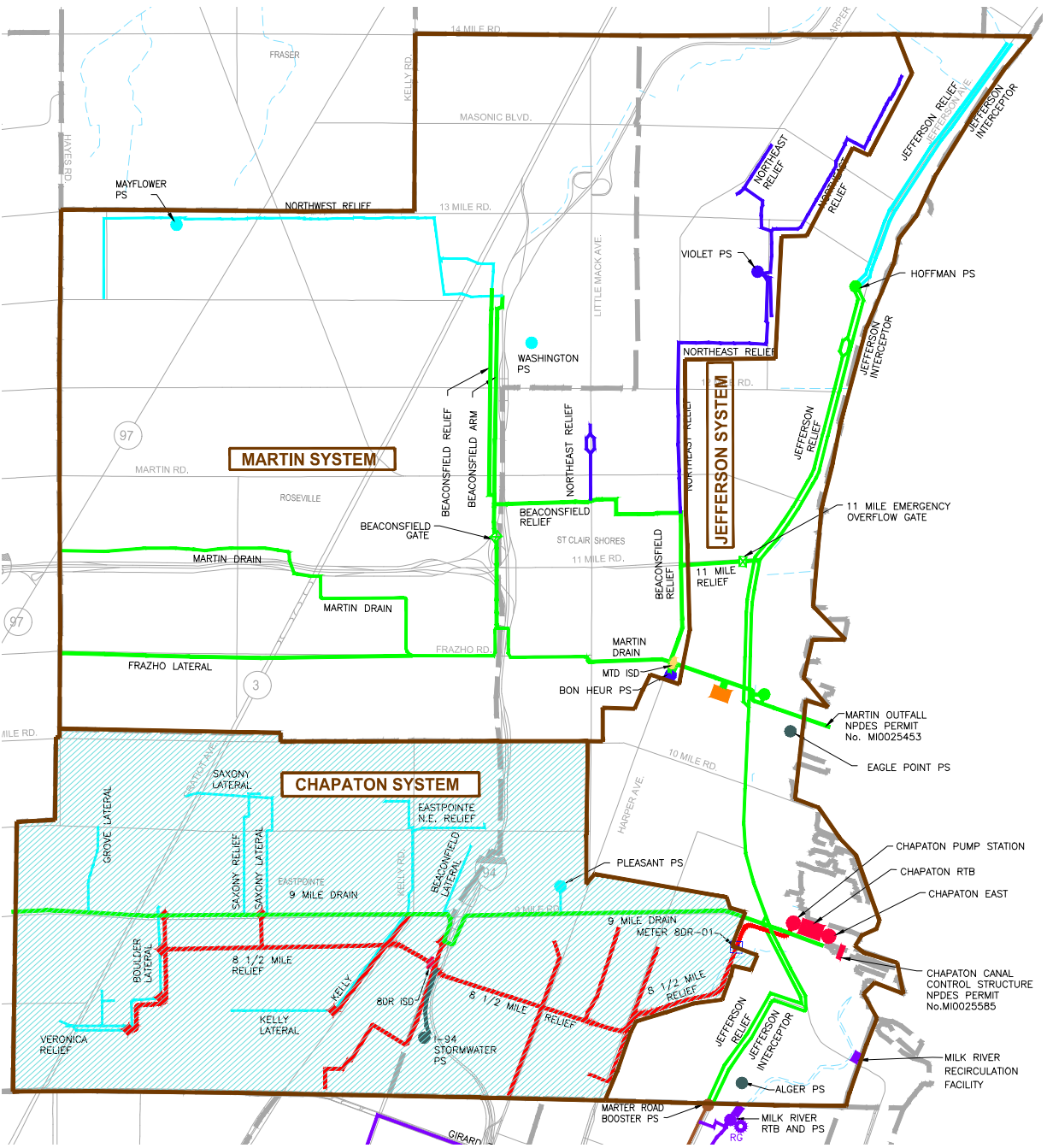
	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for August 08, 2022	
3. Approval of Minutes for July 11, 2022	3
4. Public Participation	
5. Project & Operational Updates – Vince Astorino	6
6. In System Storage Petition Project - Computation of Cost Resolution - Brian Baker	11
Motion: To approve the Computation of Costs Resolution for the 8½ Mile In-System Storage Project	
7. Eight and One-Half Mile Relief Drain (Chapaton) Proposed 2022/23 Budget – Brian Baker	14
Motion: To approve the 2022/23 Eight and One-Half Mile Relief Drain budget and revenue requirement for the fiscal year beginning October 1, 2022	
8. Consideration for approval of invoices (see attached)	30
9. Financial Report – Bruce Manning	132
10. Adjourn	

Hard copy is intended to be 8.5"x11" when plotted. Scale(s) indicated and graphic quality may not be accurate for any other size.

CHAPATON SYSTEM MAP

Macomb County, MI

Southeast Macomb Sanitary District Wastewater Master Plan



SYSTEM LEGEND
(AS OF DATE OF PUBLICATION)

- SYSTEM BOUNDARY

DISTRICT LEGEND
(AS OF DATE OF PUBLICATION)

- 8 1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT
- SOUTHEAST MACOMB COUNTY WASTEWATER DISPOSAL SYSTEM
- MARTIN SANITARY DIVERSION DISTRICT
- SOUTHEAST MACOMB SANITARY DISTRICT
- NORTHEAST SEWAGE DISPOSAL SYSTEM
- MILK RIVER INTERCOUNTY DRAIN DRAINAGE DISTRICT
- LOCAL MUNICIPALITY
- OTHER

ASSET LEGEND

- PUMP STATION
- FLOW CONTROL STRUCTURE
- RTB
- GRAVITY INTERCEPTOR
- IN-SYSTEM STORAGE DEVICE
- OVERFLOW POINT
- LEVEL SENSOR
- RAIN GAUGE
- FLOW METER

PROJECT NO.
181053

3.6

An adjourned meeting of the Intra-County Drainage Board for the **EIGHT AND ONE-HALF MILE RELIEF DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham Clinton Township, Michigan on July 11, 2022, at 10:02 A.M.

PRESENT: Candice S. Miller, Chair
Veronica Klinefelt, Member

EXCUSED: Bryan Santo, Member

ALSO PRESENT: Vince Astorino, Operations & Flow Manager; Brian Baker, Chief Deputy; Stephen Downing, Construction and Maintenance Manager; Bruce Manning, Financial Manager; Pam Sonnenberg, Administrative Assistant; Don VanSyckel, Macomb County Board of Commissioners

PRESENT VIA TELECONFERENCE: Mary Shepard, Environmental and Safety Services Supervisor City of Sterling Heights

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

Adopted: YEAS: 2
NAYS: 0

Minutes of the meeting of June 13, 2022 were presented. A motion was made by Ms. Klinefelt, supported by Ms. Miller to approve the minutes as presented.

Adopted: YEAS: 2
NAYS: 0

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

Mr. Astorino then presented project updates. There was one wet weather event on June 7th. The treated discharge volume was 25 MG and everything operated as designed and there were no issues to report.

The Chapaton Basin and Nine Mile Drain Structural Repairs contract has still not been signed by D'Agostini and it was awarded in February. We have updated the contract terms to add in liquidated damages and we put in a firm completion date of September 1st if they want to move forward. They have indicated that they still want to do this work. Mr. Astorino said that he has back-up options if D'Agostini does not move forward.

The Chapaton In-System Storage project is very active. Ms. Klinefelt asked if the issue with moving the electrical lines had been resolved. Mr. Astorino indicated that they will be moving the electrical poles through the church parking lot, just North of Oak. They will have everything moved by July 29th. We are staging everything now and the steel is starting to be delivered for the shaft itself. He presented some photos of the shaft being installed and some of the work being performed.

Mr. Astorino mentioned we have extended the bidding period for the Nine Mile Pump Station.

A motion was made by Ms. Klinefelt, supported by Ms. Miller to receive and file project updates.

Adopted: YEAS: 2
NAYS: 0

Mr. Downing presented on the Owner Controlled Insurance Program (OCIP) Administration Fees contract amendment. Meadowbrook Insurance Agency is currently under contract and managing the OCIP Program. The contract that we have with Meadowbrook Insurance Agency originally included 4 projects for an estimated value of \$75,000,000. The OCIP now includes 3 additional projects for an estimated value of \$141,461,000. Meadowbrook is requesting an increase in administrative fees for those additional projects. The request is an increase in their annual fee from \$110,000 to \$160,000 which is an increase of approximately 45%. They have also requested a one-time catch-up fee in the amount of \$25,000 as they have already commenced efforts related to the added projects. The one-time fee is intended to bridge the gap from March 2022 to September 2022 when the next annual installment is due. He presented a table showing a summary of bid costs and estimated costs of the projects. Mr. Downing also stated that right now there is a 50/50 share between the districts but at the end of the project they will put in the actual cost for each project, and then distribute the actual dollars to each drain district. Mr. Baker added that the \$25,000 will be split between 8.5 Mile Relief and the Macomb Interceptor Drain, but the additional \$50,000 will be allocated according to actual project costs.

A motion was made by Ms. Klinefelt, supported by Ms. Miller to approve Amendment #1 to the Owner Controlled Insurance Program agreement with Meadowbrook Insurance to raise their annual fee from \$110,000 to \$160,000, and add a one-time catch-up fee of \$25,000.

Adopted: YEAS: 2
NAYS: 0

The Chair presented the invoices totaling \$383,872.20 to the board for review and approval.

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

Adopted: YEAS: 2
NAYS: 0

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

Adopted: YEAS: 2
NAYS: 0

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

Adopted: YEAS: 2
NAYS: 0

The meeting was adjourned at 10:21 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 taken by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on July 11, 2022 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: 07/11/22



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: August 8, 2022

Subject: Construction Projects Status Updates for the August 2022 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.

Wet Weather Operations

No wet weather events this past month.

Chapaton Basin and 9 Mile Drain Structural Repairs Project

Contractor: Pullman/L. D'Agostini

Engineering Consultant: NTH

Project Description:

This project consists of performing concrete repairs within the Chapaton RTB (constructed in 1968) and the 9-Mile Drain (constructed in 1926). Recent inspections were performed and various types of repairs in numerous locations were noted in the reports. Repairs primarily consist of chipping away damaged concrete, prepping the reinforcing steel and remaining concrete surfaces, and installing a specialized concrete product flush to adjacent surfaces.

Significant project tasks that have occurred over the past month:

1. Executed the contract with L. D'Agostini to perform the work that was approved in February. The contract includes a liquidated damages clause of \$1,000 per day and a final completion date of October 1, 2022.
2. Re-engaged NTH Consultants to provide limited construction contract administration for this additional work. Majority of project management will be performed by MCPWO staff.
3. Conducted a pre-construction meeting to discuss project expectations.

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$736,950.00
Total Spent to Date	Pay App #1-5 (Pullman)	\$474,913.50
Remaining Budget		\$262,036.50

Chapaton In-System Storage Project

Contractor: Weiss Construction

Engineering Consultant: Tetra Tech

Project Description:

The primary focus of the project is the construction of an access shaft and installation of the In-System Storage Device at Beaconsfield and Oak in Eastpointe. This project will achieve an additional 3.5 million gallons of storage within the 8.5 Mile Relief tunnel.

Significant project tasks that have occurred over the past month:

1. Weiss is continuing to work with DTE for utility relocation at Beaconsfield.
 - DTE approved, finalized and scheduled the work plan for temporary service, change to follow.
2. Submittals are being received and processed by the engineering team.
3. Construction activities to date:
 - Beaconsfield Road closure began August 1st. Detour is posted on County website and local agencies have been notified.
 - Concrete collars installed at Kelly & Gaukler sites for proposed odor control unit installations as required.
 - Construction office trailers delivered and powered.
 - Began chain fence installation around Beaconsfield worksite as required
 - Consumers Energy completed installing proposed gas main bypass as planned.
 - Installed new water service lines for Eastpointe residents on Oak Street as required.
 - Staging of steel and other construction materials deliver & stored along Beaconsfield greenbelt.
4. Construction look ahead:
 - Beaconsfield & Oak: Continue deliveries of steel and other construction materials along Beaconsfield greenbelt.
 - Soldier pile installation at Beaconsfield scheduled September 1st.
 - DTE temporary power activities scheduled August 15th.

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$9,673,200.00
Total Spent to Date	Pay Apps. 1 - 4	\$835,398.94
Remaining Budget		\$8,837,801.06

Figure 1 - Shaft to Top of 8-1/2 Relief Pipe at Gaukler & Kelly Sites; Concrete Collar Placements



Figure 2 – Water Main Bypass at Beaconsfield and Oak



Figure 3 – Natural Gas Bypass at Beaconsfield and Oak



OFFICE LOCATION: 21777 Dunham Road, Clinton Township, Michigan 48036 • Phone: 586-469-5325 • Fax: 586-469-5933
ENGINEERING • Phone: 586-469-5910 • Fax: 586-469-7693 ♦ **SOIL EROSION** • Phone: 586-469-5327 • Fax 586-307-8264

Figure 4 – Unloading Delivery of 40ft Steel Piers



Figure 5 – Delivery of Construction Office Trailers



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**DRAINAGE BOARD
OF THE 8 1/2 MILE DRAIN DRAINAGE DISTRICT**

8 1/2 MILE DRAIN

RESOLUTION – COMPUTATION OF COSTS

At a regular meeting of the 8 ½ Mile Drain Drainage Board, held at 21777 Dunham Road, Clinton Township MI on August 8, 2022, at 10:30 a.m.:

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____

WHEREAS, pursuant to a petition filed with the Macomb County Drain Commissioner by the City of St. Clair Shores, Macomb County, Michigan and the Macomb County Board of Commissioners, proceedings have been taken under the provisions of Chapter 20 of the Michigan Drain Code, PA 40 of 1956, as amended, for the 2022 Construction of Improvements to the 8 ½ Mile Drain, at an estimated cost of Twelve Million One Hundred Twenty Eight Thousand and Seven Hundred dollars (\$12,128,700); and

WHEREAS, the Final Order of Apportionment was duly signed by the Chairperson of this Drainage Board and filed in his/her office on October 19, 2021; and

WHEREAS, the computation of costs for the 2022 Construction of Improvements to the 8 ½ Mile Drain, attached as Exhibit A, has been prepared and presented to the Drainage Board on August 8, 2022.

NOW, THEREFORE, BE IT RESOLVED by the 8 ½ Mile Drain Drainage Board, as follows:

1. That the computation of costs for the 2022 Construction of Improvements to the 8 ½ Mile Drain, representing the total known cost of the drain project, is hereby approved and ordered to be filed with the Chairperson.

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

Yeas: _____

Nays: _____

RESOLUTION DECLARED ADOPTED

I, the undersigned, the duly qualified and acting Chairperson of the 8 ½ Mile Drain Drainage Board, do hereby certify that the foregoing is a true and complete copy of certain proceedings taken by the 8 ½ Mile Drain Drainage Board at a meeting held on August 8, 2022, 2022 and further certify that the above Resolution was adopted at said meeting.

Candice S. Miller
Chairperson of the Drainage Board

Computation of Project Costs
2022 Construction Improvements
In-System Storage Project
8½ Mile Drain

<u>Project Costs</u>	<u>Vendor</u>	<u>Amount</u>
Feasibility Study	Tetra Tech	\$481,098
Design	Tetra Tech	\$949,435
Construction	Weiss	\$9,673,200
Construction Admin.	Tetra Tech	<u>\$1,024,974</u>
Total Project Costs		<u><u>\$12,128,707</u></u>

<u>Sources of Funds</u>	<u>Amount</u>
Federal Earmark	\$4,500,000
State ARPA Funds	\$5,000,000
Existing 8½ Mile District Funds	\$2,628,707
New 8½ Mile Special Assessment	<u>\$0</u>
Total Funding Sources	<u><u>\$12,128,707</u></u>

8.5 Mile Relief Drain (Chapaton) 2022/23 Budget Summary

Attached is the proposed 2022/23 8½ Mile budget for the fiscal year beginning October 1, 2022. The budget is scheduled to be adopted at the August 8, 2022 Drain Board meeting. The cities of Eastpointe and St. Clair Shores have received a copy of the proposed budget which includes a detailed explanation for each item.

The proposed budget funds improved operations and maintenance of our aging assets and projects to further reduce combine sewer overflows and both improve water quality and system redundancy. The community contribution (debt and O&M) increase of 4.9% is slightly less than the projected 5% increase provided to the two communities earlier this year and upon which their own budgets were established.

The budget funds needed maintenance and repairs identified by the Master Plan and SAW grant. The budget funds next year's capital needs, establishes a plan for continued needed repairs into the future, and reduces CSO's.

There is no proposed new district assessment for the 8½ Mile In-System storage construction, the Canal Rehabilitation, and Generator/Electrical redundancy projects as we anticipate using Federal, State and County funds to cover the costs. We have applied for low interest SRF funding for the Canal Rehabilitation if full grant funding is not received. Due to the high bid cost received for the 9 Mile Pump Station, efforts have been redirected to various Station and Basin electrical redundancy and rehabilitation projects. The budget includes:

1. \$4 million for the replacement or rehabilitation of the gates, hydraulic lines and actuators for the 9 Mile Bypass, retention basin, wet well, basin dewatering system, and Jefferson diversion.
2. \$3 million for the structural rehabilitation of the 9 Mile Emergency Bypass Chamber.
3. \$1.9 toward the estimated \$5 million cost to replace the Chapaton flushing system.
4. \$500,000 to inspect the 8½ Mile collection system and \$350,000 for replacement flow meters for the 8½ Mile tunnel and 9 Mile Drain as required for the NPDES permit.

Personnel costs rose by \$103,590 based on County employee costs, as no change in personnel staffing is proposed. The budget funds a replacement SCADA server, continued interior Station painting, and the replacement of the diversion gate chamber ladder with a new safety grating. Higher NexGen software, chemical, and utility costs were partially offset by lower equipment cost due to the one-time equipment purchases last year.

8.5 MILE COMMUNITIES

TOTAL CHARGES

FY 2022 vs FY 2023

Cost Category		2021/2022 Charge	2022/2023 Charge	Difference	% Change	Page #
1)	8.5 Mile Relief O&M/Charge Required Revenue	4,748,520	5,003,220	254,700	5.4%	2,4
2)	Debt	390,060	387,180	(2,880)	-0.7%	3
TOTAL		5,138,580	5,390,400	251,820	4.9%	

Communities	2021/2022 Charge	2022/2023 Charge	Difference	% Change
Eastpointe (54.33%)	2,792,019	2,928,853	136,834	4.9%
St. Clair Shores (25.13%)	1,291,258	1,354,532	63,274	4.9%
Michigan (16.04%)	824,067	864,448	40,381	4.9%
Macomb County (2.25%)	115,618	121,284	5,665	4.9%
Dept of Roads (2.25%)	115,618	121,284	5,665	4.9%
TOTAL	5,138,580	5,390,400	251,820	4.9%

**8.5 MILE DRAIN DRAINAGE DISTRICT
2022-2023 CHARGES
EFFECTIVE OCTOBER 1, 2022**

8.5 MILE RELIEF CHARGES			Eastpointe	St. Clair Shores	Michigan	Macomb County	Dept of Roads	Total
	Total Annual	Monthly	54.33%	25.13%	16.04%	2.25%	2.25%	100.00%
8.5 Mile Relief O&M	5,003,220	416,935	226,540	104,770	66,863	9,381	9,381	416,935
		O&M Total	2,718,480	1,257,240	802,356	112,572	112,572	5,003,220
		Debt Total ⁽¹⁾	210,373	97,292	62,092	8,712	8,712	387,180
		Grand Total	<u>2,928,853</u>	<u>1,354,532</u>	<u>864,448</u>	<u>121,284</u>	<u>121,284</u>	<u>5,390,400</u>

NOTE

1) The debt will be invoiced separate from the O&M. Generally it will be billed in February and August.

DEBT WORKSHEET

8.5 MILE RELIEF 2022-2023 DEBT WORKSHEET⁽¹⁾

Not part of O&M invoice. Debt will be invoiced separately every 6 months

No paying agent fees because all SRF bonds

DEBT SERVICE	Principal	Interest	Total	Eastpointe	St. Clair Shores	Michigan	Macomb County	Dept of Roads	Total
SRF 5306-01	215,000	41,000	256,000	139,097	64,329	41,054	5,760	5,760	256,000
SRF 5393-01	65,000	14,214	79,214	43,041	19,905	12,703	1,782	1,782	79,214
SRF 5460-01	20,000	5,258	25,258	13,724	6,347	4,051	568	568	25,258
SRF 5579-01	20,000	6,708	26,708	14,512	6,711	4,283	601	601	26,708
Canal Rehab-TBD ⁽²⁾	-	-	-	0	0	0	0	0	0
TOTAL	320,000	67,180	387,180	210,373	97,292	62,092	8,712	8,712	387,180

NOTES

1) SEMCWWDS and Martin Sanitary are included on separate budget

2) Potential SRF. Bid will come in January 2023.

8.5 MILE RELIEF
Operations Maintenance
Budget to Actual

Description	Page #	Actual 2020/2021	Actual 5/31/2022	Projected 9/30/2022	Budget 2021/2022	Budget 2022/2023	Budget Change	% Change
EXPENSE								
Application/Permit Fee	5	6,000	6,400	6,400	6,000	6,000	0	0.0%
Dues, Training, & Licenses	6	14,028	16,215	16,790	10,380	17,010	6,630	63.9%
Engineering	7	2,941,179	1,505,466	2,895,960	6,700,520	12,334,690	5,634,170	84.1%
Equipment	8	31,119	20,821	28,820	28,590	3,000	(25,590)	-89.5%
Office Supplies	9	249	421	500	500	500	0	0.0%
Operating Supplies	10	74,922	32,325	81,800	65,400	81,800	16,400	25.1%
Other Professional Svcs	11	36,512	16,313	42,410	36,000	42,500	6,500	18.1%
Personnel Services	12	1,007,811	551,781	1,027,890	1,032,200	1,135,790	103,590	10.0%
Repair & Maintenance	13	371,750	181,864	285,030	197,000	246,000	49,000	24.9%
Contrib to Reserves(Maint and SCADA)	13 & 14	288,240	288,240	288,240	288,240	288,240	0	0.0%
Scada System	14	85,786	24,660	49,740	138,040	199,390	61,350	44.4%
Utilities	15	278,531	233,036	289,930	267,600	290,000	22,400	8.4%
Total Expense		5,136,127	2,877,541	5,013,510	8,770,470	14,644,920	5,874,450	67.0%
REVENUE								
Interest Earned	16	24,748	10,794	15,000	30,000	20,000	(10,000)	-33.3%
Other Revenue	16	66,604	3,447	5,000	4,000	5,000	1,000	25.0%
Carryforward	16	0	0	0	3,840,000	4,412,010	572,010	14.9%
8.5 O&M/Charge Required Revenue	16	4,509,865	4,748,520	4,748,520	4,748,520	5,003,220	254,700	5.4%
Use of Reserve from prior contributions	16	0	0	0	0	3,738,110	3,738,110	100.0%
Use of Reserve(Flow Meters)	16	0	0	0	0	350,000	350,000	100.0%
Use of SCADA Reserve	16	0	147,950	147,950	147,950	64,750	(83,200)	-56.2%
Use of Surplus from past collections	16	0	0	0	0	1,051,830	1,051,830	100.0%
Grants and Bonds	16	0	0	0	0	0	0	0.0%
Total Revenue		4,601,217	4,910,711	4,916,470	8,770,470	14,644,920	5,874,450	67.0%

Reserve⁽¹⁾ 12,142,785 11,807,620 3,530,990

Additional Notes

1) Broken out as follows:

9 Mile Bypass Pipe Structural Repairs	728,140	308,010	0
9 Mile Pump Station-Design	1,152,900	0	0
Was 9 Mile PS ⁽²⁾	0	2,025,660	0
Cost Share Army Corp Grant-Green Infrastructure Proj	0	162,500	0
In-System Storage-Construction Admin & Construction	2,250,000	1,659,410	0
As Needed Engineering	58,196	39,110	0
Chapaton Improvements-Office Space	239,389	100,000	0
Chlorine storage tank #3 relining	7,500	7,500	0
Painting	0	25,000	0
Disinfection system upgrade	3,579	0	0
Fiber Optic Improvements	16,130	16,130	0
Firewall Hardware Design/Config	12,900	12,900	0
Obsolete Wireless backhaul replacement links	16,120	16,120	0
Storm Pump PLC Replacements	0	30,000	0
SolarWinds - Network Management Software	0	9,670	0
SRF Replacement Reserve(Ends 32/33)	2,332,930	2,592,140	2,851,350
Project Contribution from Macomb Cty ⁽²⁾	2,000,000	2,000,000	0
Capital Reserve	1,062,141	910,220 ¹⁾	560,220 ³⁾
Contribution from SEMSD ⁽²⁾	1,000,000	1,000,000	0
LSCWWI 04B Transfer ⁽²⁾	738,110	738,110	0
Scada Reserve	126,110	155,140	119,420
MEDC Grant (From State)	333,354	0	0
Pave side road that goes to the basin deck	15,000	0	0
Pumping and Screening Improvements	40,616	0	0
SolarWinds - Network Management Software	9,670	0	0
	12,142,785	11,807,620	3,530,990
Non Committed Reserve(Excludes life cycle and carryover)	3,395,071	3,502,360	3,411,570

Notes

- 1) Amount reduced by \$147,948. This is the figure the 9 Mile Pump Station-Design was over the amount originally budgeted.
- 2) To be used for Sluice & Dewater Gates Project.
- 3) Used \$350,000 for Flow Meters.

FY 2022-2023
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET

FUND:	0017	P/Y BUDGET:	\$6,000
ACTIVITY:	Application/Permit Fee	REQUEST:	\$6,000
		INC/(DEC.):	\$0

ACCOUNT EXPLANATION:

	<u>22/23</u>	<u>21/22</u>
96901 1) Annual NPDES Permit	6,000	6,000

INCREASE/DECREASE EXPLANATION:

1) 100% 8.5. Martin billed separately.

Last year's actuals included a one time application fee.

**FY 2022-2023
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET**

FUND: 0017	P/Y BUDGET: \$10,380
ACTIVITY: Dues, Training, & Licenses	REQUEST: \$17,010
	INC/(DEC.): \$6,630

ACCOUNT EXPLANATION:

DESCRIPTION	22/23	21/22
95901 1) Certification, Licenses, & Training	5,100	3,000
82201 2) Professional Dues and Subscriptions	800	500
WO20041 3) NexGen Renewal	11,110	6,880
Total	17,010	10,380

INCREASE/DECREASE EXPLANATION:

1) Operators state certified for RTBs and annual confined space training. Increase in cost of training.

1-2) Split with Martin and SEMCWWDS.

3) Annual renewal for the asset management software. Increased cost for license and portal

and incorrect formula in prior year budget.

Cost is split 50% MIDD, the other 50% is split 10% SEMCWWDS, 15% Martin and 25% 8.5 Mile.

IT covers a portion of the costs.

FY 2022-2023
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET

Fund: 0017
Activity: Engineering

P/Y BUDGET: \$6,700,520
REQUEST: \$12,334,690
INC/(DEC.): \$5,634,170

ACCOUNT EXPLANATION:

Proj #	DESCRIPTION	22/23	21/22
TBD	1) Sluice & Dewatering Gates Rehab/Replacement Project	1,974,340	0
WO22006(Non Grant)	2) Canal Rehab Design	320,000	0
TBD	3) 8.5 Mile Inspection Project	500,000	0
	4) 9 Mile Drain & Dewater Accusonic Flow Meters	350,000	0
	5) 9 Mile Emergency Bypass Structural Rehab	3,000,000	0
TBD	6) Flushing	1,895,660	0
	Total New Projects	8,040,000	0
WO18072	7) As needed Engineering	39,110	75,000
CC0034 WO21018	8) Sluice and Dewatering Gates Rehab/Replace Project(Was 9 Mile PS)	2,025,660	2,537,390
WO18025	9) Cost Share Army Corp Grant-Green Infrastructure Project	162,500	162,500
CC0034 WO21018	10) 9 Mile Pump Station Design-Use of Capital Reserve	0	147,950
CC0034 WO21018	11) 9 Mile Pump Station-Design	0	797,090
WO21008	12) 9 Mile Bypass Pipe Structural Repairs-Construction/CA	308,010	730,590
WO19082	13) Chapaton Improvements-Office Space Downstairs	100,000	0
CC0033 WO 21021	14) In-System Storage-Construction Admin and Construction	1,659,410	2,250,000
	Total Carryover Projects	4,294,690	6,700,520
	TOTAL ALL PROJECTS	12,334,690	6,700,520

Notes

1) There are several sluice gates around the Chapaton RTB that control operations that are critical to the proper operations of the facility. If any of these gates were to fail then the resulting impacts could cause significant impacts to the upstream collection system.

This replacement project will include either rehab or complete replacement of the following gates, hydraulic lines, and actuators.

-9 Mile Emergency Bypass Influent Gates (2) which are used for the gravity emergency bypass.

-9 Mile RTB Basin Gates (2) which are used to fill the RTB via gravity until the RTB has reached a level of 6 feet.

-Station Gate (1) which diverts flow from 9 Mile to the Chapaton Wet Well.

-RTB Dewater Gate (1) which is used to drain the RTB after filling.

-Jefferson Diversion Gate (1) which is used to regulate levels in the Jefferson Interceptor.

-9 Mile Dewatering Gate (1) which is currently used to dewater the canal after being filled.

Total project is estimated at \$4 million.

2) Amount of design that will not be covered by MEDC grant. MEDC grant will now have zero remaining.

CO#4 was approved at May board

3) The 8.5 Mile collection system was last officially inspected in 2013 and is due for an inspection in 2023. This inspection consists of 56,500 feet of pipe ranging from 36 inch to 12 feet in diameter.

4) Adding two flow meters within the 9 Mile Drain which will replace the current set up with a more accurate and lower maintenance system.

5) Approximately 1,860 lf of structural rehabilitation is required on the existing 9 Mile Drain from the emergency bypass chamber to the canal. This is a double box sewer so each box is approximately 930 lf. This was proposed to be abandoned but now that it is staying and is original to 1926 it will require structural rehabilitation.

6) The Chapaton Flushing System has reached the end of its useful life and is in need of replacement. This funding will be used for design and towards construction. The flushing system is a NPDES requirement as part of our discharge permit.

Project cost is estimated at \$5,000,000.

7) For unexpected engineering that may arise during the year. This was bid out to assure we received the best price.

8) To be used for Sluice & Dewatering Gate project.

Amount Collected in 21/22 Budget for 9 Mile PS	2,537,390
Spent thru May 31, 2022	(311,730)
Projected to spend thru September 30, 2022	(200,000)
Remaining	2,025,660

9) Remaining share of \$300,000 cost share for Chapaton green infrastructure project grant. Grant is for \$900,000

10 & 11) Awarded to Tetra Tech-\$1,476,428. Design was completed.

12) Amount to be used for final structural repairs. D'Agostini \$258,050 and Fishbeck \$49,959

13) For completing downstairs office remodeling.

14) Adds real time control structures within the 8 1/2 Mile Interceptor which will be used to provide additional storage capacity.

Construction(Weiss)-	\$ 9,673,200
CCA(Tetra Tech)-	\$ 1,024,974

**FY 2022-2023
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET**

FUND: 0017
ACTIVITY: Equipment

P/Y BUDGET: \$28,590
REQUEST: \$3,000
INC/(DEC.): (\$25,590)

ACCOUNT EXPLANATION:

DESCRIPTION	22/23	21/22
1) Power Take Off for Kubota	0	5,000
2) F-150 Pickup Truck	0	20,590
3) Misc(lab equip, bldg instrumentation, etc)	3,000	3,000
Total	3,000	28,590

INCREASE/DECREASE EXPLANATION:

1 & 2) One time purchases

FY 2022-2023
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET

FUND: 0017
 ACTIVITY: Office Supplies

P/Y BUDGET: \$500
 REQUEST: \$500
 INC/(DEC.): \$0

ACCOUNT EXPLANATION:

DESCRIPTION	22/23	21/22
72624 Toner, pens, paper, posters computer supplies, etc	500	500

INCREASE/DECREASE EXPLANATION:

**FY 2022-2023
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET**

FUND: 0017
ACTIVITY: Operating Supplies

P/Y BUDGET: \$65,400
REQUEST: \$81,800
INC/(DEC.): \$16,400

ACCOUNT EXPLANATION:

DESCRIPTION	22/23	21/22
72650 1) Sodium hypochlorite	65,000	50,000
96804 2) Personal protective equipment	2,250	1,500
75001 3) Clothing for operations staff	1,500	1,400
72621 4) Laboratory supplies required by NPDES permit	4,500	4,000
82403 5) Equipment Rental	4,600	4,500
72901 6) Postage	200	500
96104 7) Fuel	3,250	2,500
99901 8) Misc	500	1,000
Total	81,800	65,400

INCREASE/DECREASE EXPLANATION:

1,2,& 7) Costs are rising rapidly.

1 & 4) Fluctuates depending on number of rain events.

2, 3 & 7) Split with SEMCWWDS and Martin.

5) Bobcat rental used to assist with on-going cleaning activities after wet

weather events at Chapaton. Have been renting second piece of equipment twice a

year to assist with the cleaning activities within retention basin.

**FY 2022-2023
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET**

FUND:	0017	P/Y BUDGET:	\$1,032,200
ACTIVITY:	Personnel	REQUEST:	\$1,135,790
		INC/(DEC.):	\$103,590

ACCOUNT EXPLANATION:

DESCRIPTION	22/23	21/22
1) Pump Station Operators(6 FT operators and 2 PT)	454,370	424,150
2) Operations Manager	108,410	89,650
3) Assistant Operations Mgr	72,290	59,710
4) Pump Station Standby	7,500	7,500
5) Overtime	65,000	52,000
6) SCADA Manager Support	47,580	42,190
7) SCADA System Specialist (FT)	39,240	32,360
8) Engineering Support	199,900	182,810
9) Senior Asset Mgmt Tech	38,140	33,590
10) Clerical Support	0	12,400
11) Accounting	9,000	7,280
12) Administrative	41,300	36,540
13) MIDDD Field Operator Reimbursement	53,060	52,020
Total	1,135,790	1,032,200

INCREASE/DECREASE EXPLANATION:

1-5) 75% of Chapaton staff is charged to 8.5 Mile Relief District. Remaining 25%
 is split between SEMCWWDS(10%) and Martin(15%).

1-3,5-9,12) Cost based on county wide proposed schedule.

1) Employee turnover resulted in lower pension costs.

2) Higher pension contribution costs estimated for 22/23.

3) Incorrectly used lower salary in 21/22 budget calculation.

5) Increased due to construction projects.

6-9) These positions will spend 37.5% of their time on 8.5 Mile Relief, 5% at SEMCWWDS,
 and 7.5% at Martin. The remaining 50% is with MIDDD.

8) Four engineers performing 8.5 Mile duties. Retiree health care is projected lower for 22/23

9) Position support for Nexgen tasks for Wastewater. Cost split between MIDDD, 8.5 Mile, Martin,
 SEMCWWDS.

10) Clerical support no longer needed at Chapaton due to increased use of technology and better processes.

11) 75% of support staff is charged to 8.5 Mile Relief District. Remaining 25%
 is split between SEMCWWDS(10%) and Martin(15%).

Increase in cost due to number of invoices because of all on-going projects.

12) Cross charge for administrative personnel.

13) Field Operators from the MIDDD provide training and other assistance
 to the 8.5 Mile Drainage District.

**FY 2022-2023
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET**

FUND: 0017
ACTIVITY: Repair & Maintenance

P/Y BUDGET: 197,000
REQUEST: 246,000
INC/(DEC.): \$49,000

ACCOUNT EXPLANATION:

PROJECT #	DESCRIPTION	22/23	21/22
	Annual Items		
93001	1) Wet well/Basin vector	40,000	40,000
	2) Repair and maintenance	96,000	91,000
92900	3) Lawn Mowing	8,500	8,500
	Total Annual Items	144,500	139,500
	New Projects		
	4) Equipment hatch roof replacement	0	25,000
	5) East building ceiling tiles	4,000	0
	6) Diversion gate chamber ladder & grating	40,000	0
	7) Painting	25,000	0
	Total New Projects	69,000	25,000
	Carryover Projects		
	8) Painting	25,000	25,000
	9) Chlorine storage tank #3 relining	7,500	7,500
	Total Carryover Projects	32,500	32,500
	Grand Total	246,000	197,000

Reserve Replacement Reserve(SRF 5306,5393,5460)-From CTI study 259,210 259,215

INCREASE/DECREASE EXPLANATION:

- 1) Cleaning of wet well vector will be done on an annual basis.
- 2) Increased cost of goods and services.
- 3) Lawn mowing contracted by third party.
- 4) Completed
- 5) The ceiling tiles within the East Building are original to the building. They are falling apart and are in need of replacement. MCPWO will procure and install all new tiles.
- 6) The diversion gate chamber allows access to the Jefferson Diversion gate. This chamber had an access shaft that allowed staff to enter the 8.5 Mile tunnel upstream of the bar screens. The existing ladder has corroded and had to be removed. There is also no safety grating over that access point. Both are safety hazards and are in need of replacement.
- 7 & 8) This task is for the painting within the Chapaton Pump Station. These funds will be used to start painting in the basement and then working our way up to the motor room floor. There are a total of 5 floors that require paint. Price for painting is \$200,000 so collecting over a number of years.
- 9) The liner within chlorine storage tank #3 is in need of replacement.

**FY 2022-2023
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET**

FUND: 0017
ACTIVITY: SCADA

P/Y BUDGET: \$138,040
REQUEST: \$199,390
INC/(DEC.): \$61,350

ACCOUNT EXPLANATION:

	DESCRIPTION	22/23	21/22
WO18077	1) SCADA as needed	35,000	35,000
WO19010	2) UPS battery replacements	250	250
WO22004	3) SCADA Server Replacement	64,750	0
WO19011	4) Wonderware Software Support	6,450	6,450
WO19015	5) VMWare Support	3,900	2,900
WO19012	6) VEEAM Support	870	870
WO19102	7) Dell Hardware Support	0	4,360
001492111	8) Comcast Business Service	2,500	2,400
001492104	9) Cell modem service (Sprint) 9 units	0	140
001492104	10) Cell modem service (Verizon) 14 units	850	850
Total Annual Projects		114,570	53,220
WO22014	11) Firewall Hardware Design/Config	12,900	12,900
WO22015	12) Storm Pump PLC Replacements	30,000	30,000
WO22016	13) Obsolete Wireless backhaul replacement links	16,120	16,120
WO22017	14) Fiber Optic Improvements	16,130	16,130
WO22018	15) SolarWinds - Network Management Software	9,670	9,670
Total Carryover Projects		84,820	84,820
Grand Total-SCADA		199,390	138,040
Reserve	Future costs of Server Upgrade - Life Cycle per year	29,030	29,030

INCREASE/DECREASE EXPLANATION:

3) This project will replace the SCADA servers and associated equipment which have reached the end of their useful life. These funds have already been collected as part of the life-cycle reserves.

This only reflects 8.5 portion.

5) Increase in amount charged from vendor.

7) No longer required because now part of the server replacement project.

9) No longer used. Removed 3g service and moved everything to Verizon and Comcast.

11) The existing firewalls are being dual purposed to act as a security appliance and as an OSPF router. The routing capabilities of the existing firewalls are very limited and often times will cause outages simply due to their poor routing capabilities.

12) This is a SCADA device that controls the large stormwater pumps at the Chapaton pump station. The existing units were installed around 2003 and have reached the end of their useful life.

PLC=Programmable Logic Controls

13) Several critical wireless links utilize 10-year old technology and can no longer be purchased.

Since they have reached the end of their useful life, they are in need of replacement

14) This will be used to start setting up redundant links for our main SCADA servers. We have had a few issues since the County fiber was installed that when it goes down we completely lose backup abilities between the two servers.

15) We currently own the base version of this software. The software support has not been kept up and this is to upgrade the software to a business format. This upgraded platform will help streamline communications support for our staff.

FY 2022-2023
8.5 MILE RELIEF BUDGET DETAIL SHEET
EXPENDITURE REQUEST SHEET

FUND: 0017
ACTIVITY: Utilities

P/Y BUDGET: \$267,600
REQUEST: \$290,000
INC/(DEC.): \$22,400

ACCOUNT EXPLANATION:

DESCRIPTION	22/23	21/22
1) Electric Service	120,000	110,000
2) Consumers Energy	22,000	15,000
3) Water	6,200	3,500
4) Internet Provider	1,800	1,500
5) Waste Hauler	2,200	2,000
6) Weather Radar	2,500	2,500
7) Internal service cost	132,000	130,000
001792104 8) Telephone(Cell)	3,300	3,100
Total	290,000	267,600

INCREASE/DECREASE EXPLANATION:

- 1) Weather dependent so number will fluctuate.
- 2) Increase in price and increase in usage during winter months.
- 3) St. Clair Shores stormwater charge is now included on water bill.
- 6) Split with MIDDD, SEMCWWDS, and Martin.
- 7) Current charges based on amount invoiced from County. Examples include use of IT Department, phones, Treasurer's Office.
- 7 & 8) Split with Martin and SEMCWWDS.
- 8) Increase cost from Verizon

Revenue Detail

Revenue	2022/2023 BUDGET	2021/2022 BUDGET
Interest Earned ⁽¹⁾	20,000	30,000
Other Revenue	5,000	4,000
Carryforward ⁽²⁾	4,412,010	3,840,000
8.5 O&M/Charge Required Revenue	5,003,220	4,748,520
Use of Reserve from prior contributions ⁽³⁾	3,738,110	0
Use of Reserve(Flow Meters)	350,000	0
Use of SCADA Reserve	64,750	147,950
Use of Surplus from past collections ⁽⁴⁾	1,051,830	0
Grants and Bond Proceeds	0	0
Total	14,644,920	8,770,470

NOTES

1 Decreased reserves to invest in key projects.

2) Remaining projects that were charged in prior years that should be completed in 22/23

Chlorine storage tank #3 relining	7,500
Painting	25,000
In-System Storage Design	1,659,410
Chapaton Improvements-Office Space	100,000
As needed Engineering	39,110
Sluice and Dewatering Gates Rehab/Replace Project(Was 9 Mile PS)	2,025,660
Cost Share Army Corp Grant-Green Infrastructure Project	162,500
9 Mile Bypass Pipe Structural Repairs-Construction/CA	308,010
Firewall Hardware Design/Config	12,900
Storm Pump PLC Replacements	30,000
Obsolete Wireless backhaul replacement links	16,120
Fiber Optic Improvements	16,130
SolarWinds - Network Management Software	9,670
TOTAL	4,412,010
<hr/>	
3) Project Contribution from Macomb Cty	2,000,000
Contribution from SEMSD	1,000,000
LSCWWI 04B Transfer	738,110
TOTAL	3,738,110

4) Projected surplus from past collection for ISS project.

The savings will go towards the sluice gate project. See note 1 on page 7.

8 1/2 MILE RELIEF
07.11.22 - 08.02.22

<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%						
		Baker	Aloia & Associates	\$ 1,238.25	Invoice #26444 - 06.01.22	9 Mile Vacation Agreement	
		Astorino	City of St. Clair Shores Treasurer	\$ 920.33	Invoice #22-262 - 6.30.22	Monthly Water - 3.14.22 - 6.15.22	
		Astorino	De-Cal, Inc.	\$ 1,016.20	Invoice #WO9221060 - 06.27.22	HVAC Repair	
		Astorino	Doetsch	\$ 23,250.00	Invoice #72072 - 07.07.22	Wet Well Cleaning	
		Astorino	DTE Energy	\$ 7,538.87	Invoice #22-273 - 06.13.22	Monthly Electric 06.09.22 - 07.10.22	
		Astorino	Green for Life	\$ 1,880.80	Invoice #56400245 - 07.15.22	Waste Disposal - June 2022	
		Downing	Marino's Landscape	\$ 1,156.00	Invoice #18591 - 06.30.22	Lawn Care June 2022	
		Astorino	Mobile Motion Controls	\$ 1,449.22	Invoice #22-278 - 06.02.22	Hydraulic Gate Valve Replacement	
		Astorino	Tetra Tech, Inc.	\$ 75,587.33	Invoice #5192134 - 07.15.22	9 Mile Pump Station Design	\$ 326,103.80
		Astorino	Tetra Tech, Inc.	\$ 43,255.38	Invoice #51921917 - 07.15.22	In-System Storage Design/CCA	\$ 975,119.80
		Astorino	Wade Trim	\$ 35,947.75	Invoice #2024377 - 07.01.22	Chapaton RTB Canal Rehab	\$ 507,963.76
		Astorino	Weiss Construction	\$ 150,916.20	Invoice #WWS-2021-006 APP 3 - 06.29.22	In-System Storage	\$ 9,339,957.00
		Astorino	Weiss Construction	\$ 502,155.94	Invoice #WWS-2021-006 APP 4 - 07.26.22	In-System Storage	\$ 8,837,801.06
		Astorino	Weiss Construction	\$ 44,970.00	Invoice #WC22-04-005 - 07.27.22	CMaR Pre-Construction Services - 9 Mile PS	\$ 125,549.84
		Astorino	Weiss Construction	\$ 4,280.00	Invoice #WC22-04-006 - 07.28.22	CMaR Pre-Construction Services - 9 Mile PS	\$ 121,269.84
		Total			\$ 928,231.94		



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	7/6/22
4. SET ID		5. POST DATE
VP220708KB		

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
Aloia & Associates, P.C.	V25733	01	26444	6/1/2022	\$ 1,238.25

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	8210017M	80138	CC0031	80138	WO21008	8 1/2 Mile Relief	Re: 1000-25 May 2022	\$ 1,238.25	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 1,238.25

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/kk</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile Relief</u> 31. Project Balance: <u>N/A</u> 32. Staff Date: <u>7/12/2022</u> 33. Board Date: <u>8/8/2022</u> 34. Select For Pay Date: _____
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Aloia Law
 48 S. Main Street, Suite 3
 Mount Clemens, MI 48043
 586.783.3300

8 1/2 Mile Relief Drain Drainage District
 Attn: Brian Baker
 Macomb County Department of Public Works
 21777 Dunham Road
 Clinton Township, MI 48036

Invoice

Invoice Number	26444
Invoice Date	06/01/2022
Payment Due On	07/10/2022
Amount Due	\$2,558.75

8 1/2 Mile Drain Drainage District

Fees

Date	Description	Staff	Hours	Total
05/02/2022	Receive, review and process email exchange between Steven Wagner and Attorney Candela regarding revision to Vacation Application narrative summary.	ALF	0.25	\$23.75
05/02/2022	Email with Vince Astorino approving final Agreement to Vacate; email to Marie Racine for execute of Agreement to Vacate.	JMC	0.30	\$57.00
05/02/2022	Office conference with Attorney Candela and Leslie Toia regarding Vacation Application status; finalize Vacation Application package for submission to Denise Pike of City of St. Clair Shores Community Development.	ALF	0.75	\$71.25
05/03/2022	Receipt and review of executed Agreement to Vacate; coordinate Drain District signature.	JMC	0.50	\$95.00
05/04/2022	Finalize Vacation Application package and coordinate hand delivery to St. Clair Shores.	LAT	0.25	\$23.75
05/04/2022	Receipt and review of fully executed Agreement to Dedicate; coordinate filing Request for Vacation with SCS.	JMC	0.50	\$95.00
05/04/2022	Communications with Astorino regarding upcoming meeting.	BJA	0.20	\$38.00

05/09/2022	Prepare for Board Meeting; appearance at Board Meeting to present Agreement and Application for Abandonment.	BJA	1.00	\$190.00
05/11/2022	Email exchange with Liz Koto regarding Application to Vacate and supporting documents.	JMC	0.30	\$57.00
05/21/2022	Review emails from Vince Astorino regarding update on 9 Mile Vacation from SCS.	JMC	0.25	\$47.50
05/25/2022	Communication with Steve Wagner regarding Application to Vacate; communication with Eric Shepherd regarding Planning Commission passing Application to Vacate.	JMC	0.50	\$95.00
05/31/2022	Office meeting with Amy Federlein to coordinate drafting of Easement for Shared Access Drive, Temporary Easement for Staging Area and Quit Claim Deed for dedication of reversion of Nine Mile Road.	JMC	0.50	\$95.00
			5.30	\$888.25

Expenses

Date	Description	Cost	Qty	Total
05/03/2022	Filing Fee-Vacation Application Fee- 9 Mlle Road Vacation Vacation Application Fee	\$350.00	1.00	\$350.00
				\$350.00
			Subtotal	\$1,238.25
			Total	\$1,238.25
			Prior Balances	\$1,843.00
			Payments Since Last Invoice	-\$522.50
			Total Balance Due	\$2,558.75

Professional Fee Summary

Name	Hours	Rate	Total
BJA	1.20	\$190.00	\$228.00
JMC	2.85	\$190.00	\$541.50
ALF	1.00	\$95.00	\$95.00
LAT	0.25	\$95.00	\$23.75
Total	5.30		\$888.25

Prior Balances

Date	Invoice Number	Due Date	Amount	Payments/Credits	Due
04/01/2022	26152	06/01/2022	\$522.50	\$522.50	\$0.00
05/01/2022	26378	06/15/2022	\$1,320.50	\$0.00	\$1,320.50
Total			\$1,843.00	\$522.50	\$1,320.50

Payment Summary

Date	Note	Paid By	Source	Amount
06/20/2022	Payment on Account	8 1/2 Mile Relief Drain Drainage District	Check	\$522.50

If you would like to make a payment by credit card or electronic check/ACH, please click the link below for our secure webpage:

<https://secure.lawpay.com/pages/aloia-and-associates/trust>

For your convenience, please note that we accept Visa, MasterCard, American Express and Discover!



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	6/30/22
4. SET ID		5. POST DATE
VP220708k4A		

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
City of St. Clair Shores Treasurer	V00928	01	22-262	6/30/2022	\$ 920.33

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	8210017M	92103	CC0004	92103	WO18006	8 1/2 MILE RELIEF	AC#23287-00, 3/14-6/15	\$ 920.33	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 920.33

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/kk</u>	30. Drain: <u>8 1/2 MILE RELIEF</u>
26. Chief Deputy: _____	31. Project Balance: <u>N/A</u>
27. Engineers: _____	32. Staff Date: <u>8/2/2022</u>
28. Managers: _____	33. Board Date: <u>8/8/2022</u>
29. Coordinator: _____	34. Select For Pay Date: _____



St. Clair Shores Water Bill

ACCOUNT NUMBER
23287-00

SERVICE ADDRESS
23001 NINE MILE

SERVICE TYPE
Government

PREVIOUS READ	CURRENT READ	CONSUMPTION	FROM: SERVICE PERIOD TO:	
1884	1921 A	37	03/14/22	06/15/22
807	815 A	8	03/14/22	06/15/22
DUE DATE		PAY AFTER DUE DATE	PAY BY DUE DATE	
07/21/2022		966.35	920.33	

PREVIOUS BALANCE	0.00
Water	255.33
Sewer	295.11
Customer Chrg	369.40
Retention Basins O&M	0.49

CURRENT BALANCE 920.33

MONTHLY BUDGET

Temp-Return Service Requested

8300 1 AB 0.461 8300-8300-20



MACOMB COUNTY PUBLIC WORKS
21777 DUNHAM RD
CLINTON TWP MI 48036-1005

**PLEASE RETAIN THIS UPPER PORTION FOR YOUR RECORDS.
YOUR CANCELLED CHECK IS YOUR RECEIPT.**

Water rate: \$5.674/unit
Sewer rate: \$6.558/unit
Total rate: \$12.232
One unit = 748 gallons

22-262



City of
St. Clair
Shores

27600 Jefferson Ave.
St. Clair Shores, MI 48081

FOR FURTHER INFORMATION PLEASE CALL:
BILLING INFORMATION - (586) 447-3317
SERVICE INFORMATION - (586) 445-5374
VISIT US ON THE WEB AT www.scsmi.org

To Pay by Credit Card or Electronic Check



Visit www.scsmi.org
Online Payments and Services
or call 1-855-414-9009 (credit card only)

Point and Pay LLC, the service provider, charges a fee for this service of:
3.00% for credit cards (\$1.50 minimum)
Electronic checks are provided as a FREE service.

IMPORTANT INFORMATION - SEE REVERSE SIDE

REMOVE DOCUMENT ALONG THIS PERFORATION
AND MAKE SURE RETURN ADDRESS APPEARS THROUGH WINDOW



St. Clair Shores Water Bill

Due Date	Pay After Due Date	PAY BY DUE DATE
07/21/2022	966.35	920.33

Service Address

23001 NINE MILE

City of St. Clair Shores
27600 Jefferson Ave
Saint Clair Shores MI 48081-2075

Account Number

23287-00



Please make your check payable to: St. Clair Shores Treasurer

If you have questions concerning the water billing process or require a final meter reading when moving, please contact the Customer Service Department at (586) 447-3317. City Hall business hours are: 8:00 a.m. to 4:30 p.m., Monday through Friday.

A return envelope has been provided for your convenience when mailing your payment. If you wish to make an in-person water bill payment during business hours, payments are accepted at the cashier office located in City Hall. For your convenience in making after-hours payments, a freestanding, drive-up, drop box is located in the circle drive in front of City Hall. Please do not deposit cash in the drop box.

When mailing your payment, please allow three business days for the payment to reach the payment processing center. Payment must be received on or before the due date to avoid a 5% penalty. Failure to receive bill does not waive penalty.

Unpaid bills are liens against the property, with an additional penalty upon transfer to the tax roll.

All water registered at the inside water meter will be charged to the account. Check the outside reading device to confirm match. If there is a discrepancy, notify the Water Service Department immediately at (586) 445-5374 for repair.

The City of St. Clair Shores exceeded the action level for lead in drinking water. Lead can cause serious health problems. For more information please call (586) 447-3305 or visit www.scsmi.net/892/SCS-Lead-Safe.

SPECIAL NOTICE REGARDING WATER BILL COLLECTION POLICIES: The City of St. Clair Shores has a water service disconnection policy for unpaid bills. If this bill is not paid in full within 60 days of the due date, your water service will be disconnected. If this should occur, full payment of the past due balance and a \$50 turn-on fee must be made prior to your water service being reinstated.

SPECIAL NOTICE REGARDING SNOW REMOVAL RESPONSIBILITY: Whenever the City of St. Clair Shores experiences a snow fall of 2" or more, a Snow Event may be declared. Residents will be required to clear their sidewalks within 48 hours of the Snow Event. **Failure to do so will cause the City to have the sidewalk cleared and the cost billed to the property owner.**

Please remember to cut your grass regularly! City ordinance states that grass, brush or weeds eight (8) inches in height or more shall be cut by the City as many times as necessary with costs and fees to be assessed against the property owner if it is not maintained.

To Pay by Credit Card or Electronic Check



Visit www.scsmi.org
Online Payments and Services
or call 1-855-414-9009 (credit card only)

Point and Pay LLC, the service provider, charges a fee for this service of:
3.00% for credit cards (\$1.50 minimum)
Electronic checks are provided as a FREE service

RETAIN THE UPPER PORTION OF THIS WATER BILLING STATEMENT FOR YOUR RECORDS. WHEN REMITTING PAYMENT, DETACH THE LOWER PORTION AND RETURN TO THE CITY OF ST. CLAIR SHORES TREASURER'S OFFICE WITH YOUR PAYMENT, USING THE ENCLOSED RETURN ENVELOPE (POSTAGE REQUIRED). PLEASE WRITE YOUR ACCOUNT NUMBER ON YOUR CHECK.



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	7/20/22
4. SET ID		5. POST DATE
VP220721KB		

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
De-Cal, Inc.	V59694	01	WO9221060	6/27/2022	\$ 1,016.20

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	8210017M	93002	C0004	93002	WO18006	8 1/2 Mile Relief	Job #9221060; Split System Repair	\$ 1,016.20	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 1,016.20

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

<p>25. Finance Officer: <u>BM/kk</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8.5 Mile Relief</u></p> <p>31. Project Balance: <u>N/A</u></p> <p>32. Staff Date: <u>8/2/2022</u></p> <p>33. Board Date: <u>8/8/2022</u></p> <p>34. Select For Pay Date: _____</p>
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DE-CAL, Inc.
 24659 Schoenherr Rd.
 Warren, MI 48089-4775
 Service Phone: 586-619-0281
 Service Fax: 586-486-5242

Service Invoice

Invoice #: WO9221060

Date: 06/27/2022

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

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

Client PO#:	Employee: Robert Hope	Due Terms:
--------------------	------------------------------	-------------------

Assembly#	Part#	Descrip	Quantity	Price	Ext Price	Sales Tax
		See Attached	1.0000	1,016.200000	1,016.20	N

Notes:

Please see work order for details.

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: \$ 1,016.20



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 Chaptan	Date:		De-Cal Job #	9221060
Job Site Location:	Macomb Chapaton Pump Station				
Description Of Work Performed:	Investigate: the new Trane 6 ton 2 stage split system is not coming on.	PO #			
		Site Contact:			
LABOR HOURS					
<i>Labor Type</i>	<i>Dates, Technicians</i>	<i>Total Hours</i>	<i>Total</i>		
HVAC Technician		8.0	\$	920.00	
Controls Technician			\$	-	
Boiler Technician			\$	-	
Chiller Technician			\$	-	
OT			\$	-	
DT			\$	-	
Veh/Tool Allowance		1.0	\$	75.00	
MATERIALS/SUBCONTRACTORS UTILIZED					
<i>Unit #</i>	<i>Material Description</i>	<i>Part #</i>	<i>Quantity</i>	<i>Price</i>	
	Consumables		1.0	\$	20.00
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
				\$	-
Total Work Order				Material Tax %	\$ 1.20
				Sell For	
				TOTAL BILLING:	\$ 1,016.20

Service Report

Service Report No : 9221060-1



Date: May 13, 2022

Client P.O. #: N/A

HVAC Service

Further Work Required

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:

the new Trane 6 ton 2 stage split system is not coming on.

Description of Service:

Unit was offline. found no secondary 24volts to controls system. Opened indoor and outdoor units to search over system. Found transformer in condensing unit on roof. Pulled transformer found had a 5amp breaker, reset and started unit. checked out operation looked for any obvious signs for shorts in the system. found none. customer said they had been testing the stand by generator and that could have caused an electrical issue. operating ok at this time/.

Technician Work

Name	Date	Reg. hrs	Prem. hrs
Robert Hope	May 12, 2022	4	0

Service Report

Service Report No : 9221060-2



Date: May 18, 2022

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:

the new Trane 6 ton 2 stage split system is not coming on.

Description of Service:

found unit was locked out this time. not the same as before when the low volt circuit breaker tripped. reset and checked operation. refrigerant circuit "a" was low on charge "B" was ok. spoke with the on site staff and they want to call the original contractor in order to have it repaired under warranty.

Technician Work

Name	Date	Reg. hrs	Prem. hrs
Robert Hope	May 17, 2022	4	0



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	7/20/22
4. SET ID		5. POST DATE
VP220721 KB		

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
Doetsch	V01332	01	72072	7/7/2022	\$ 23,250.00

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	8210017M	93002	CC0014	93002	WO18006	8 1/2 Mile	Chapaton Wet Well Cleaning	\$ 23,250.00	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 23,250.00

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/kk</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile</u> 31. Project Balance: <u>N/A</u> 32. Staff Date: <u>8/2/2022</u> 33. Board Date: <u>8/8/2022</u> 34. Select For Pay Date: _____
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DOETSCH

ENVIRONMENTAL SERVICES

21221 Mullin Ave. Warren, MI 48089
 Phone: 586-755-2090 Fax: 586-755-2099
 www.doetschenv.com

Bill To:

MACOMB COUNTY PUBLIC WORKS
 21777 DUNHAM RD
 CLINTON TOWNSHIP, MI 48036

Ship to:

CHAPATON PUMP STATION

INVOICE DATE	INVOICE NUMBER	CUSTOMER PO	PAYMENT TERMS
Jul 7, 2022	72072		Net 10 Days

1.00 MOBILIZATION	2,325.00 P/DAY	MAY 19	2,325.00
4.00 VACUUM, REMOVAL	4,650.00 P/DAY	MAY 20, 23-25	18,600.00
1.00 DEMOBILIZATION	2,325.00 P/DAY	MAY 26	2,325.00

Chapaton Wet Well Cleaning

Total Invoice Amount	23,250.00
Payment/Credit Applied	
Check/Credit Memo	
TOTAL	23,250.00



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	7/19/22
4. SET ID		5. POST DATE
VP220719 KUB		

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
DTE Energy	V01270	01	22-273	6/13/2022	\$ 7,538.87

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	8210017M	92101	CC0004	92101	WO18006	8 1/2 Mile Relief	Acct #9100-0005-3785, 6/9-7/10	\$ 7,538.87	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 7,538.87

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/kk</u>	30. Drain: <u>8 1/2 Mile Relief</u>
26. Chief Deputy: _____	31. Project Balance: <u>N/A</u>
27. Engineers: _____	32. Staff Date: <u>8/2/2022</u>
28. Managers: _____	33. Board Date: <u>8/8/2022</u>
29. Coordinator: _____	34. Select For Pay Date: _____



Payment Coupon

Account Number	910000053785
Due Date:	August 04, 2022
Total Due:	\$7,538.87

MACOMB COUNTY
 MACOMB COUNTY DRAIN COMM
 21777 DUNHAM RD
 CLINTON TWP MI 48036-1005

22-273

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
 MACOMB COUNTY DRAIN COMM
 21777 DUNHAM RD
 CLINTON TWP, MI 48036

Account Number	9100-0005-3785
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DTE-Energy Federal ID No.	38-3217752
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Programs you are enrolled in:

SolarCurrents Program

How to contact us:

Power Outage	See Detail Charges
Billing Inquiry	1-313-235-7984

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 9100-0005-3785

Previous Balance as of 06/13/2022	10,606.73
Payment(s) and Credit(s)	- 10,606.73
Remaining Balance	\$0.00

Current Charges

Service Location	Item	Service Type	Rate	Bill Period	Amount
23001 E 9 Mile Rd	7004376662	General Service Municipal Pumping R18 Cat1	EFCR18D3WP	06/09 - 07/10/22	7,538.87
		Taxes			0.00
		Miscellaneous Charges			0.00
		Current Bill			-\$7,538.87

Amount Due on or before Due Date of 08/04/2022 **\$7,538.87**

Your current charges are due on August 4, 2022. A 2% late payment charge will be applied if paid after the due date.

Detail Charges

For Service at: 23001 E 9 Mile Rd, St Clair Shores, MI 48082

Outage Contact Number: 1-313-235-1300

Invoice: 200033766589

Billing Period: 06/09/2022 through 07/10/2022

Days Billed: 32

Metering Information

Meter Number	Start Date	Start Read	Stop Date	Stop Read	Read Difference	Units Multiplier	Usage Used	Type
10056082	06/09	150.0A	07/10	155.6A	5.6	6,400.0000	35,840.0	P - In-V
10056082	06/09	210.4A	07/10	216.3A	5.9	6,400.0000	37,760.0	P - In-W
10056085	06/09	0.0A	07/10	0.0A	0.0	6,400.0000	0.0	P - In-V
10056085	06/09	0.0A	07/10	0.0A	0.0	6,400.0000	0.0	P - In-W
10098716	06/09	0.2A	07/10	0.2A	0.0	- 6400.000	0.0	P - Out-V
10098716	06/09	0.0A	07/10	0.0A	0.0	- 6400.000	0.0	P - Out-W
Total KVARH							35,840.00	
Total KWH							37,760.00	

Invoice: 200033766589 Service Name: Chapaton Pumping Station

Item: 7004376662 Cycle: 05

General Service Municipal Pumping R18 Cat1

Billing Status Information

1	On-peak Billing Demand	225	KW	ESTABLISHED	07/08/2022	13:00
3	65% High OP Bill Dmd June-Oct prec 11 mths	3697	KW	ESTABLISHED	08/09/2021	16:30
6	Rate Minimum Demand (Site)	5	KW			
8	Highest Single Billing Demand	906	KW	ESTABLISHED	06/09/2022	02:30
9	65% High Bill Dmd June-Oct prec 11 mths	3797	KW	ESTABLISHED	06/09/2022	02:30
A	Current PV High Monthly Demand	906	KW	ESTABLISHED	06/09/2022	02:30
B	50% of the Contract Capacity for PV	3369	KW			
C	Primary Voltage Maximum Demand	5842	KW	ESTABLISHED	08/12/2021	07:00
	Contract Capacity for Location	6738	KW			
	Power Factor (ratio) for all voltages	72	PCT			
	Total Number of days in the Billing Period	32	DAYS			
	Avg Kilowatthours Used Per Day This Period	1180	KWH			
	Avg Kilowatthours Used Per Day A Year Ago	2498	KWH			
	kWh percentage change from a year ago	-53	PCT			
	R18-kWH Inflow	37760	KWH			
	R18-kWH Outflow	0	KWH			
	R18-Outflow OnPeak Billing Demand	0	KW	ESTABLISHED	06/09/2022	11:30
	Beginning Excess Bank Balance	0	DOLL			
	Adjustment to Excess Generation Bank Balance	0	DOLL			
	Ending Excess Generation Bank Balance	0	DOLL			

Charges for 06/09/2022 through 07/10/2022

Power Supply Charges:

Power Supply Energy:						
Power Supply Capacity Charge	37,760	KWH	@ \$	0.0390000	Per Total KWH	1,472.64
Power Supply Non Capacity Charge	37,760	KWH	@ \$	0.0434500	Per Total KWH	1,640.67
Surcharges:						
Power Supply Cost Recovery Factor	37,760	KWH	@ \$	0.0066500	Per Total KWH	251.10
Outflow Credit	0	KWH	@ \$	-0.0810200	Per Total KWH	0.00
Excess Generation Bank Adjustment						0.00
Other Power Supply Volumetric Surcharges						- 5.18
Sub Total:						3,359.23

Delivery Charges:

Service Charge						11.25
Distribution:						
Distribution Energy	37,760	KWH	@ \$	0.0386800	Per Total KWH	1,460.56
Surcharges:						
LIEAF Factor	2	MTR	@ \$	0.8700000		1.74
Other Delivery Surcharges						133.94
Other Delivery Volumetric Surcharges						72.15
Sub Total:						1,679.64
Special Facilities Charge						2,500.00

Invoice Subtotal 7,538.87

Michigan State Sales Tax On Taxable Portion 0.00

Invoice Total \$7,538.87





Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	7/25/22
4. SET ID		5. POST DATE

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
Green For Life	V46134	05	56400245	7/15/2022	\$ 1,880.80

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 (GCNT)	15. Object		17. Secondary Reference (MAX = 16 CHARACTERS)					
A	8210017M	92800	CC0004	92800	WO21017	8 1/2 Mile Relief	Ac#001724936, August 2022	\$ 1,880.80	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 1,880.80 REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Wet Well Cleaning

25. Finance Officer: <u>BM/kk</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile Relief</u> 31. Project Balance: <u>N/A</u> 32. Staff Date: <u>8/2/2022</u> 33. Board Date: <u>8/8/2022</u> 34. Select For Pay Date: _____
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INVOICE

PAYMENT DUE:
08-14-22

SERVICE ADDRESS:
CHAPATON PUMP STATION
23001 E 9 MILE RD
SAINT CLAIR SHORES, MI 48080-1576

INVOICE NUMBER: 0056400245
INVOICE DATE: 07-15-22
SERVICE PERIOD: AUGUST

BILLING CONTACT #:
(586) 260-4908

DATE	DESCRIPTION	QTY X UNIT PRICE	TOTAL
	*** SiteID 00002 - CHAPATON PUMP STATION 23001 E 9 Mile Rd		
06-29-22	DISPOSAL RO SPECIAL WASTE WO#0020899831	4.84 X 80.00	387.20
06-29-22	DISPOSAL RO SPECIAL WASTE WO#0020899840	7.79 X 80.00	623.20
06-29-22	DISPOSAL RO SPECIAL WASTE WO#0020899841	5.39 X 80.00	431.20
06-30-22	DISPOSAL RO SPECIAL WASTE WO#0020899842	5.49 X 80.00	439.20
	Sub Total Services Only:		1,880.80
	Sub Total Taxes, Oil/Environmental & Fees:		0.00
	Site Sub Total:		1,880.80
	Total New Charges		1,880.80

ACCOUNT #: 001724936

PREVIOUS BALANCE		1,060.50
CURRENT CHARGES	+	1,880.80
PAYMENTS/ADJUSTMENTS	-	1,060.50
BALANCE NOW DUE	=	1,880.80

GFL Environmental Offers Pay-By-Phone!
Call **1-800-647-9946**. Choices. Checking, Visa, Discover, American Express and Mastercard are accepted.

For Customer Service and Account Inquiries. Please call **(844) 464-3587**

Convenience. It's fast! Your statement is online right now. **Control.** You decide how and when to pay. To Enroll: myaccount.gflenv.com

IMPORTANT NEWS:

To avoid late fees and service interruption, payments must be received by the due date. Except as may be otherwise provided by written contract, all past due balances will be assessed a 1.5% late fee with a minimum charge of \$5.00. By payment of this invoice, you are expressly confirming your consent to be contacted, with respect to this account, at the Billing Contact # reflected above.

▼ PLEASE DETACH AND RETURN THE BOTTOM PORTION WITH YOUR PAYMENT. ▼



GFL ENVIRONMENTAL
6200 ELMRIDGE DR
STERLING HEIGHTS, MI 48313-3706

BE SURE TO WRITE YOUR INVOICE NUMBER ON YOUR CHECK.
CUSTOMER ACCOUNT #: 001724936
INVOICE NUMBER: 0056400245
PAYMENT DUE: 08-14-22
TOTAL AMOUNT DUE: **\$1,880.80**

Amount Enclosed \$

Check here and see reverse for address and phone corrections

12155637-300-1 1 1 300 1 AV 0.455 2



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

▼ Remit to: gflenv.com

TO PAY ONLINE, GO TO



GFL ENVIRONMENTAL
PO BOX 791519
BALTIMORE, MD 21279-1519

0056400245001724936000018808000001880805000

110829PS.TM GFL US 4/22/21 CMYK 3.58"

12155637-300-1-1-1

How to Read Your Statement

- 1 Customer Account Number:**
For prompt service, please use this number when referring to your account.
- 2 Easy to Read:**
All your services and the description of the associated charges are easy to understand.
- 3 New Charges Summary:**
This information provides the dollar amount for the various services and transactions.
- 4 Important News:**
Please read these important messages that may have an impact on your account or service.
- 5 Statement Review:**
At-a-glance review of your statement and any outstanding charges.
- 6 Easy to Pay:**
You can pay via mail, on-line or call us toll-free to expedite your remittance with automatic credit card payments.
- 7 Remit to:**
If paying by mail, detach and mail to this address with your payment. Please include invoice number on your check.
- 8 On-Line Bill Payment:**
Visit our website for on-line access to your account info and bill payment. Register for electronic delivery of your bill and free payment service.



GFL ENVIRONMENTAL
3741 CONQUEST DRIVE
GARNER, NC 27829

SERVICE ADDRESS:
JOHN DOE
101 MAIN ST
ANYTOWN, US 99999-9999

BILLING CONTACT #
1-800-647-9946

INVOICE NUMBER: 123456789
INVOICE DATE: 01-15-19
SERVICE PERIOD: JANUARY - FEBRUARY

INVOICE

UPON RECEIPT

ACCOUNT #: 012345678

RETAILS BALANCE	112.35
CHARGES	+
PAYMENTS	-
BALANCE FWD	=
	112.35

01-01-19 Paper Bill Fee 1.00 1.00

01-01-19 Basic Bill JOHN DOE 110.00 110.00

01-01-19 30 Day, 90 Day, 180 Day, 360 Day 0.00 0.00

Sub Total Taxes, O&B, Remittance & Fees 0.00 0.00

Total New Charges 112.35

IMPORTANT NEWS:
Your invoice may reflect a price increase to cover rising operational costs and regulatory compliance.

Comments: It's not Your Statement to write right from Control. You decide how and where to pay. Visit myaccount.gflenv.com

5 Amount Enclosed \$

7 \$112.35

8 GFL ENVIRONMENTAL
P.O. BOX 790119
BALTIMORE, MD 21275-1519

Billing Rights Summary

If you think your bill is incorrect, or if you need more information about the details of your bill, please contact us at the number listed on the front of your bill or email us at mybilling@gflenv.com. We must hear from you no later than 60 days from the date of your bill on which the error occurred. Your bill shall be deemed correct unless disputed within 60 days from receipt.

Electronic Funds Transfer Notice

If you pay by check, it will be converted into an "Electronic Funds Transfer" (EFT), a process in which your financial institution is electronically instructed to transfer funds from your account to ours in lieu of processing the check. By sending your completed check to us, you authorize us to use the account information therein to create an EFT for the amount indicated on the check. If the EFT cannot be processed for technical or other reasons, you authorize us to process an image replacement document, draft, or copy of your check.

Late Fees & Service Fees

Except as may be otherwise provided by written contract, all past due balances will be assessed a 1.5% late fee with a minimum charge of \$5.00. GFL Environmental reserves the right to charge service related fees associated with but not limited to the following: setup fees, early termination fees, container return fees, etc.

Cancellation Policy and Proration Policy

The customer must provide notice of cancellation by phone or mail at the phone number or address on the front of your bill, or by email at mybilling@gflenv.com. There will be no proration of billing and you will not be entitled to a refund if service is canceled during a billing cycle. You will remain responsible for all charges, fees and taxes through the end of the billing cycle (including the period between the notice of termination and the end of the current billing cycle). This provision will not apply if it is contrary to a current franchise agreement, municipal contract, or other written contract applicable to this account or is otherwise prohibited by law.

Insufficient Funds Notice

If your check is returned for insufficient or uncollected funds (NSF), your signature on your check gives us permission to debit your checking account electronically for the uncollected amount. Payment by check constitutes your acceptance of these terms. For each returned check a fee will be assessed on your next billing equal to the maximum amount permitted by state law.

PLEASE PRINT ONLY NEW ADDRESS INFORMATION BELOW AND CHECK THE BOX ON THE REVERSE SIDE. THANK YOU.

Address Change(s)

MAILING ADDRESS ONLY MAILING AND SERVICE ADDRESS

Name _____

Address _____

City _____

State _____ Zip Code _____

Phone Number _____ E-mail Address _____

Customer Account Number _____

Optional Payment Methods

eBilling:

Invoices in an Instant! Enroll in eBilling at myaccount.gflenv.com and click My Account. No fees apply when paying through this method and your statement is always ready! You decide when to pay! Choose to enroll in automatic payments or pay on demand. Checking, Visa, Discover, American Express and Mastercard are accepted.

Pay-By-Phone:

Call your toll-free number **1-800-647-9946** and have your account number ready. Checking, Visa, Discover, American Express and Mastercard are accepted. Fees will apply when using this method.

RETURN TO REMIT ADDRESS ON REVERSE OF COUPON. MAKE SURE REMIT ADDRESS ON REVERSE SHOWS THROUGH WINDOW OF SUPPLIED ENVELOPE.



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	7/20/22
4. SET ID		5. POST DATE
YP220721 KB		

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
Marino's Landscape	V66876	9102	18591	6/30/2022	\$ 1,156.00

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	8210017M	92900	CC0004	92900	WO18006	8 1/2 Mile Relief		Lawn Care June 2022	\$ 1,156.00	GEN		
B												
C												
D												
E												
F												
G												

23. Total: \$ 1,156.00

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/kk</u>	30. Drain: <u>8 1/2 Mile Relief</u>
26. Chief Deputy: _____	31. Project Balance: <u>N/A</u>
27. Engineers: _____	32. Staff Date: <u>8/2/2022</u>
28. Managers: _____	33. Board Date: <u>8/8/2022</u>
29. Coordinator: _____	34. Select For Pay Date: _____

Marino's Landscape
 62170 Van Dyke Road
 Washington, MI 48094
 586-803-3860



Macomb County Public Works Office
 21777 Dunham Rd.
 Clinton Twp, MI 48036

PO #
Invoice # 18591
Invoice Date 6/30/2022

Invoice Balance **\$1,156.00**

Email: Cheri@marinoslandscape.com
 Website: www.marinoslandscape.com

Date	Description	Qty	Price	Total
6/7/2022	Lawn Maintenance	1.00	289.00	289.00
6/14/2022	Lawn Maintenance	1.00	289.00	289.00
6/21/2022	Lawn Maintenance	1.00	289.00	289.00
6/28/2022	Lawn Maintenance	1.00	289.00	289.00

Terms Due on receipt
For 23001 E. 9 Mile Rd. - Chapaon 8 1/2 Mile, St Clair Shores MI 48080

Subtotal 1156.00
Invoice Total 1156.00

Invoice Balance **\$1,156.00**

Client Name Macomb County Public Works Office
For 23001 E. 9 Mile Rd. - Chapaon 8 1/2 Mile, St Clair Shores MI 48080
Invoice # 18591
Invoice Date 6/30/2022
Invoice Balance \$1,156.00

Amount Enclosed

Invoices are due by terms listed. A monthly Finance Charge of 1 1/2% will be added monthly to balance 30 days past due.
<http://marinoslandscape.manageandpaymyaccount.com>
 (If you do not have your login information contact our office)
 Thank you for choosing Marino's Landscape.

PAYMENT STUB

Marino's Landscape
 62170 Van Dyke Road
 Washington, MI 48094

Card #	
Exp. Date	
Signature	



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	7/26/22
4. SET ID		5. POST DATE
VP220726KB		

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
Mobile Motion Controls	V086685	01	22-278	6/2/2022	\$ 1,449.22

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	8210017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief	Hydraulic Unit Repairs	\$ 1,449.22	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 1,449.22

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/kk</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile Relief</u> 31. Project Balance: _____ 32. Staff Date: <u>8/2/2022</u> 33. Board Date: <u>8/8/2022</u> 34. Select For Pay Date: _____
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MOBILE MOTION CONTROLS L.L.C.

(248) 764-3566

fred.shagena@gmail.com

**Fluid Power
Mechanic**

22-278

Hydraulic, Pneumatic
& Mechanical Repair
Motion Control Solutions

CLIENT INFORMATION:

NAME: Macomb County
ADDRESS: Chapaton Pump Station
BILLING TO:
ADDRESS:

ORDER BY: Kris Benda DATE: 6-2-20
TEL: 586-480-9368
EMAIL: krisofer.benda@macomb.gov.or
JOB NO: F5012
ORDER NO:
TECH: Fred Shagena

DETAILS OF JOB CARRIED OUT

Customer having problems with the hydraulic system on Gate
Problem was found to be a bad Directional Valve DG454 G133C50
A new valve was located in Sterling Heights @ Sun-Source
I drove over and picked up the valve and returned with it and
Install new valve and tested with no problems found.

PARTS USED

PARTS NO:	DESCRIPTION	COST

LABOR/TIMES

SIGNATURE

DATE	TIME	O/T	D/T	TOTAL
6-2-2022	8			8

Customer acknowledgement of work performed

Customer Signature:

Tech. Signature:

REG. NO
JOB NO.
SERV. NO.
EXPENSE AMOUNT
MEALS 55.00
MILEAGE 332 x .585 = 194.22
TOOLS
MISC.
TOTAL EXPENSE 249.22
TOTAL LABOR 1200.00
TOTAL PARTS
TOTAL 1449.22

FUTURE ACTION NEEDED

DETAILS:

MISC NOTES

DETAILS:

Hydraulic Unit Repairs



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	7/19/22
4. SET ID		5. POST DATE
VP220721KB		

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
Tetra Tech, Inc.	V16060	02	51921934	7/15/2022	\$ 75,587.33

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	8210017M	80138	CC0034	80138	WO21018	8 1/2 Mile Relief	Pjt #200-16347-21002 thru 7/1/22	\$ 75,587.33	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 75,587.33

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/kk</u>	30. Drain: <u>8 1/2 Mile Relief</u>
26. Chief Deputy: _____	31. Project Balance: <u>\$326,103.80</u>
27. Engineers: _____	32. Staff Date: <u>8/2/2022</u>
28. Managers: _____	33. Board Date: <u>8/8/2022</u>
29. Coordinator: _____	34. Select For Pay Date: _____

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

WORK ORDER NUMBER

PROJECT NUMBER **WWS-2021-004** (Tetra Tech Proj# 200-16347-21002)

PROJECT NAME 9 MILE PUMP STATION DESIGN

DRAINAGE DISTRICT 8 1/2 Mile Drainage District

CONSULTANT NAME Tetra Tech of Michigan

INVOICE DATE 7/15/2022 (INVOICE 51921934)

INVOICE START DATE 5/28/2022

INVOICE END DATE 7/1/2022

ORIGINAL CONTRACT AMOUNT	\$	1,476,428.00
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CHANGE ORDER TOTAL	\$	-
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Change Order No. 1		
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Change Order No. 2		
--------------------	--	--

Change Order No. 3		
--------------------	--	--

Change Order No. 4		
--------------------	--	--

TOTAL REVISED CONTRACT AMOUNT	\$	1,476,428.00
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(includes all approved change orders only)

TOTAL AMOUNT PREVIOUSLY INVOICED	\$	1,074,736.67
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TOTAL AMOUNT DUE THIS INVOICE	\$	75,587.53
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TOTAL BUDGET REMAINING	\$	326,103.80
-------------------------------	-----------	-------------------

(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)



Tetra Tech, Inc.
424 Lewis Hargett Cir.
Ste. 110
Lexington, KY 40503
(859) 223-8000

BILL TO: MACOMB COUNTY
ATTN: FINANCE DEPARTMENT
OFFICE OF PUBLIC WORKS
COMMISSIONER
21777 DUNHAM RD
PO BOX 806
CLINTON TOWNSHIP, MI 48036

INVOICE NUMBER: 51921934
INVOICE DATE: 07/15/2022
SERVICES THROUGH: 07/01/2022
FEDERAL TAX ID#: 95-4148514
TERMS: NET 30

Proj WWS-2021-004
Client Contact: Vincent Astorino
PROFESSIONAL SERVICES:

Project Number 200-16347-21002 **Design, Bidding, and Construction Services for Proposed Nine Mile Pump Station**
Top Task 001 **Infrastructure Survey**

EMPLOYEE	TITLE	CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Collingham, Melissa A.	Graphic Artist	2.00	\$110.00	\$220.00
TOTAL LABOR		2.00		\$220.00
		SUBTOTAL		\$220.00
Total Top Task# 001				\$220.00

Top Task 002F **Topographic Survey FTCH**

SUBCONTRACTOR	TYPE	CURRENT LABOR AMOUNT
FISHBECK THOMPSON CARR & HUBER INC	Subcontractor-External	\$1,057.35
TOTAL SUBCONTRACTOR CHARGES		\$1,057.35
		SUBTOTAL
		\$1,057.35
Total Top Task# 002F		\$1,057.35

Top Task 003 **Basis of Design**

EMPLOYEE	TITLE	CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Voss, Justin D.	Project Engineer 1	0.50	\$195.00	\$97.50
Weston, Cynthia A.	Project Administrator	7.00	\$100.00	\$700.00
TOTAL LABOR		7.50		\$797.50
		SUBTOTAL		\$797.50
Total Top Task# 003				\$797.50

Top Task 004 **Design 30%**

EMPLOYEE	TITLE	CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Bauer, Celeste E.	Engineer 2	5.00	\$155.00	\$775.00
Boehmke, Brett	Project Engineer 1	26.50	\$150.00	\$3,975.00
Clinard, Samuel	Engineer 1	1.50	\$150.00	\$225.00
Hernandez Davila, Albert D.	Engineer 1	16.75	\$150.00	\$2,512.50
Kaliman, Roger G.	Sr Engineer 1	54.50	\$195.00	\$10,627.50

BILL TO: MACOMB COUNTY
ATTN: FINANCE DEPARTMENT
 OFFICE OF PUBLIC WORKS
 COMMISSIONER
 21777 DUNHAM RD
 PO BOX 806
 CLINTON TOWNSHIP, MI 48036

INVOICE NUMBER: 51921934
INVOICE DATE: 07/15/2022
SERVICES THROUGH: 07/01/2022
FEDERAL TAX ID#: 95-4148514
TERMS: NET 30

EMPLOYEE	TITLE	CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Paison, William A.	Sr Engineer 1	24.00	\$225.00	\$5,400.00
Rubel, Brian M.	Program Manager	48.00	\$250.00	\$12,000.00
Sissoko, Moussa D.	Project Engineer 2	22.25	\$180.00	\$4,005.00
Snable, Madison T.	Engineer 1	15.00	\$95.00	\$1,425.00
TOTAL LABOR		213.50		\$40,945.00
		SUBTOTAL		\$40,945.00

OTHER DIRECT CHARGES	TYPE	CURRENT QUANTITY	UNIT RATE	CURRENT AMOUNT
Rubel, Brian M.	Mileage (unit)	112.53	\$0.58	\$65.83
TOTAL OTHER DIRECT CHARGES				\$65.83
		SUBTOTAL		\$65.83

Total Top Task# 004 \$41,010.83

Top Task 005F CMar Bidding FTCH

SUBCONTRACTOR	TYPE	CURRENT AMOUNT
FISHBECK THOMPSON CARR & HUBER INC	Subcontractor-External	\$954.45
TOTAL SUBCONTRACTOR CHARGES		\$954.45
	SUBTOTAL	\$954.45

Total Top Task# 005F \$954.45

Top Task 006E Final Design FKE

SUBCONTRACTOR	TYPE	CURRENT AMOUNT
FK ENGINEERING ASSOCIATES	Subcontractor-External	\$2,940.00
TOTAL SUBCONTRACTOR CHARGES		\$2,940.00
	SUBTOTAL	\$2,940.00

Total Top Task# 006E \$2,940.00

Top Task 006F Final Design FTCH

SUBCONTRACTOR	TYPE	CURRENT AMOUNT
FISHBECK THOMPSON CARR & HUBER INC	Subcontractor-External	\$9,096.15
TOTAL SUBCONTRACTOR CHARGES		\$9,096.15
	SUBTOTAL	\$9,096.15

Total Top Task# 006F \$9,096.15

Top Task 006I Final Design CBI

EMPLOYEE	TITLE	CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Biagi, James Q.	Sr Architect 2	3.00	\$195.00	\$585.00
D'Isabella, Linda A.	Architect	58.50	\$195.00	\$11,407.50
Galante, David	Architect 2	8.00	\$150.00	\$1,200.00

BILL TO: MACOMB COUNTY
ATTN: FINANCE DEPARTMENT
 OFFICE OF PUBLIC WORKS
 COMMISSIONER
 21777 DUNHAM RD
 PO BOX 806
 CLINTON TOWNSHIP, MI 48036

INVOICE NUMBER: 51921934
INVOICE DATE: 07/15/2022
SERVICES THROUGH: 07/01/2022
FEDERAL TAX ID#: 95-4148514
TERMS: NET 30

EMPLOYEE	TITLE	CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Graf, Mitchell J.	Project Manager 2	1.25	\$225.00	\$281.25
Han, Elisa	Architectural Designer 1	11.00	\$115.00	\$1,265.00
Staniek, Marcella F.	Architectural Designer 3	10.00	\$140.00	\$1,400.00
Ungerer, Jacob	CAD Technician 2	34.00	\$90.00	\$3,060.00
Vice, Stephen D.	Architectural Designer 3	2.50	\$125.00	\$312.50
TOTAL LABOR		128.25		\$19,511.25
		SUBTOTAL		\$19,511.25

Total Top Task# 006I **\$19,511.25**

Total Project# 200-16347-21002 **\$75,587.53**

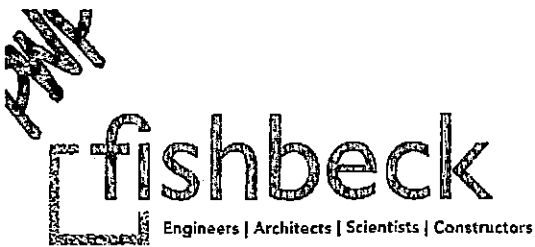
TOTAL AMOUNT DUE THIS INVOICE: \$75,587.53

Gross Contract Summary	
Contract Amount	\$1,476,428.00
Previously Billed	\$1,074,736.67
Current Billing	\$75,587.53
Total Billed to Date	\$1,150,324.20
Contract Balance Remaining	\$326,103.80

REMIT PAYMENT TO:

TETRA TECH, INC.

To ensure accurate posting, please note the invoice number on your check. Interest will be charged on all past-due amounts per contract terms and conditions.



ACA

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: Brian Rubel PE
 Tetra Tech Mps
 710 Avis Drive Suite 100
 Ann Arbor, MI 48108
 United States

Invoice: 412244
 Invoice Date: 6/15/2022
 Project: 210764
 Project Name: Macomb Co PW/9 Mile Pump Station
 Bill Term: 1

For Professional Services Rendered Through 6/10/2022

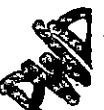
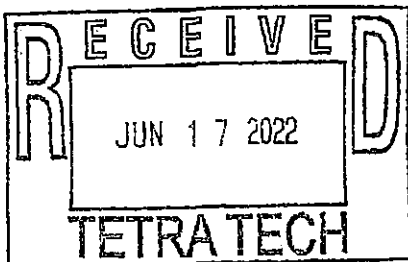
P.O. 1181485! X

	Fee	Available	Billings		Current
			To Date	Previous	
1 - Task 1 - Infrastructure Survey - 3D Scan	44,000.00	97.00	43,903.00	43,903.00	0.00
2 - Task 2 - Topographical & Boundary Survey	53,000.00	24,535.45	29,471.55	28,464.55	1,007.00 (6)
Rate Labor	1,007.00				.002F
3 - Task 3 - Basis of Design	29,500.00	20.10	29,479.90	29,479.90	0.00
4 - Task 4 - 30% Design	49,500.00	0.50	49,499.50	49,499.50	0.00
5 - Task 5 - CMAA Bidding	12,572.00	9,320.94	4,160.06	3,251.06	909.00 (3)
Rate Labor	909.00				.005F
6 - Task 6 - Final Design	90,954.00	37,162.00	62,455.00	53,792.00	8,663.00 (4)
Rate Labor	8,663.00				.006F

Current Billings 10,579.00
 Amount Due This Bill 10,579.00

103976
 200-16747-21002
 .002F - 1007.00
 .005F - 909.00
 .006F - 8663.00
 SUB - EXT. 200 NEW AA

OK to pay when
 Paid.
 B. Rubel
 6/15/22





FK Engineering Associates
 30425 Stephenson Hwy
 Madison Heights, MI 48071
 (248) 817-2946

INVOICE

Tetra Tech

1005 River Street, Suite 1
 Port Huron, MI 48079

184671
200-16347-21002.006E
SUBJECT
200 TEN AA

Invoice Date: 6/15/22
 Total Amount: \$2,800.00
 Number: 21-078-010
 Invoice Period: 05/15/22 - 06/11/22
 PO Number: Project #200-16347-21002
 Project Code: 21-078
 Project: Macomb Nine Mile Pump Station

INVOICE SUMMARY

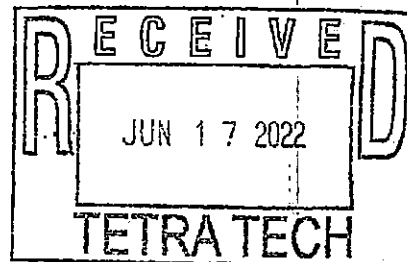
P.O. 119149413

Description	Amount
Basis of Design	--
30% Design (including Sue)	--
Final Design	\$2,800.00
9 Mile Sewer Repair	--

Description	Total Budget	Remaining Budget (\$)	Prior Billing (\$)	This Invoice (\$)
Basis of Design	\$20,000.00	--	\$20,000.00	--
30% Design (including Sue)	\$73,000.00	--	\$73,000.00	--
Final Design	\$22,000.00	\$1,130.00	\$18,070.00	\$2,800.00
9 Mile Sewer Repair	--	--	--	--
BUDGET TOTALS	\$115,000.00	\$1,130.00	\$111,070.00	\$2,800.00
TOTAL AMOUNT DUE				\$2,800.00

Remit payment to:
 30425 Stephenson Hwy. Madison Heights, MI 48071
 Terms: Due upon receipt or per contract

OK to pay when paid
B. Ruhl
6/16/22



Expense Report

Report ID: 0100-3146-3228

Report Name	June 2022 II	
Expense Owner	Brian Rubel	
Expense Owner	Brian.Rubel / 509092	
Created By	Brian Rubel	
Submit Date	Jun 30, 2022	
To Be Paid In	USD	

Financial Summary



Allocation Summary

Allocations Charged	Total (USD)
200-16347-21002 / MACOMB COUNTY / 08-MAY-21 / 31	MACOMB NINE MILE PUMP STATION / DESIGN 65.83

This document may contain confidential and/or privileged information. If you are not the intended recipient, or the person responsible for delivering to the person addressed, please notify the sender immediately and destroy this material. Any unauthorized copying, disclosure or distribution of the material in this communication is strictly forbidden.



Expense Details

Expense Report

Expense Report

June 2022 II

Item	Date	GL Code	Type	Disb Amtt	Pay Me Amt
1	06/28/2022	Mileage (unit)	Mileage	65.83 USD	65.83 USD
Justification	Planning Commission Meeting				
Description	From:: 710 Avis Drive, Ann Arbor, MI, USA To:: St. Clair Shores Library, East Eleven Mile Road, St. Clair Shores, MI, USA To:: 710 Avis Drive, Ann Arbor, MI, USA Firm Paid: No				
Allocations	200-16347-210	MACOMB COUNTY / 02 / 004	MACOMB NINE MILE PUM		65.83 USD
Trip Info	710 Avis Drive, Ann Arbor, MI, USA St. Clair Shores Library, East Eleven Mile Road, St. Clair Shores, MI, USA 710 Avis Drive, Ann Arbor, MI, USA				55.97 112.53
	calculatedDistance		112.53		
	currentDeductionAmount		0.00		
	currentDeductionType		deductionDefault		
	Miles		112.53		
	Rate		58.500		
	units		Miles		
Car Plan	Car Plan Name		US_GSA		
	Car Plan Tier		US_GSA		





ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	7/19/22
4. SET ID		5. POST DATE
YP220721KB		

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
Tetra Tech, Inc.	V16060	02	51921917	7/15/2022	\$ 43,255.38

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	8210017C	80138	CC0033	80138	WO21021	8 1/2 Mile Relief	Pjt #200-16347-19001 thru 7/1/22	\$ 43,255.38	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ **43,255.38** REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
 In-System Storage Devices

25. Finance Officer: _____ BM/kk 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: _____ 8 1/2 Mile Relief 31. Project Balance: _____ \$975,119.80 32. Staff Date: _____ 8/2/2022 33. Board Date: _____ 8/8/2022 34. Select For Pay Date: _____
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**MACOMB COUNTY PUBLIC WORKS OFFICE
ENGINEERING INVOICE COVER SHEET**

WORK ORDER NUMBER	WO19004	
PROJECT NUMBER	WWS-2019-003	(Tetra Tech# 200-16347-19001)
PROJECT NAME	In-System Storage Devices	
DRAINAGE DISTRICT	Eight and One-Half Mile Relief Drain Drainage District	
CONSULTANT NAME	Tetra Tech of Michigan	
INVOICE DATE	7/15/2022 (INVOICE 51921917)	
INVOICE START DATE	5/28/2022	
INVOICE END DATE	7/1/2022	
ORIGINAL CONTRACT AMOUNT	\$	481,098.00
CHANGE ORDER TOTAL	\$	1,974,409.00
Change Order No. 1	\$	949,435.00
Change Order No. 2	\$	1,024,974.00
Change Order No. 3		
Change Order No. 4		
TOTAL REVISED CONTRACT AMOUNT	\$	2,455,507.00
(includes all approved change orders only)		
TOTAL AMOUNT PREVIOUSLY INVOICED	\$	1,437,131.82
TOTAL AMOUNT DUE THIS INVOICE	\$	43,255.38
TOTAL BUDGET REMAINING	\$	975,119.80
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)		



Tetra Tech, Inc.
 424 Lewis Hargett Cir.
 Ste. 110
 Lexington, KY 40503
 (859) 223-8000

BILL TO: MACOMB COUNTY
ATTN: FINANCE DEPARTMENT
 OFFICE OF PUBLIC WORKS
 COMMISSIONER
 21777 DUNHAM RD
 PO BOX 806
 CLINTON TOWNSHIP. MI 48036

INVOICE NUMBER: 51921917
INVOICE DATE: 07/15/2022
SERVICES THROUGH: 07/01/2022
FEDERAL TAX ID#: 95-4148514
TERMS: NET 30

ESA dated 10 July 2019; Project WWS-2019-003
 Client Contact: Vince Astorino
PROFESSIONAL SERVICES:

Project Number	200-16347-19001	In-System Storage Devices			
Top Task	02B_TCI	Design			
EMPLOYEE	TITLE		CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Robitaille, Luc	Engineer 3		1.00	\$250.00	\$250.00
TOTAL LABOR			1.00		\$250.00
			SUBTOTAL		\$250.00
			Total Top Task# 02B_TCI		\$250.00
Top Task	03	Construction Administration			
EMPLOYEE	TITLE		CURRENT LABOR HOURS	LABOR RATE	CURRENT LABOR AMOUNT
Ard, Timothy W.	Construction Manager 1		26.00	\$190.00	\$4,940.00
Boehmke, Brett	Project Engineer 1		10.25	\$120.00	\$1,230.00
Johnston, Jeffrey	Engineer 3		3.00	\$115.00	\$345.00
Kaliman, Roger G.	Sr Engineer 1		20.00	\$210.00	\$4,200.00
Paison, William A.	Sr Engineer 1		1.00	\$240.00	\$240.00
Rubel, Brian M.	Program Manager		10.00	\$250.00	\$2,500.00
Schwartz, Alexander	Engineer 1		5.00	\$120.00	\$600.00
Sissoko, Moussa D.	Project Engineer 2		25.25	\$230.00	\$5,807.50
Tervo, Jeffrey A.	CAD Technician 2		23.00	\$140.00	\$3,220.00
Weiss, David J.	Sr Constr Project Rep 1		118.50	\$120.00	\$14,220.00
Weston, Cynthia A.	Project Administrator		9.50	\$105.00	\$997.50
TOTAL LABOR			251.50		\$38,300.00
			SUBTOTAL		\$38,300.00
OTHER DIRECT CHARGES	TYPE		CURRENT QUANTITY	UNIT RATE	CURRENT AMOUNT
Field Truck Usage	Vehicles (mile)		795.00	\$0.65	\$516.75
Tervo, Jeffrey Allen	Mileage (unit)		420.28	\$0.60	\$250.08
TOTAL OTHER DIRECT CHARGES					\$766.83
			SUBTOTAL		\$766.83
			Total Top Task# 03		\$39,066.83

BILL TO: MACOMB COUNTY
ATTN: FINANCE DEPARTMENT
 OFFICE OF PUBLIC WORKS
 COMMISSIONER
 21777 DUNHAM RD
 PO BOX 806
 CLINTON TOWNSHIP, MI 48036

INVOICE NUMBER: 51921917
INVOICE DATE: 07/15/2022
SERVICES THROUGH: 07/01/2022
FEDERAL TAX ID#: 95-4148514
TERMS: NET 30

Top Task	03.6	Construction Administration - Fishbeck	
SUBCONTRACTOR		TYPE	CURRENT AMOUNT
FISHBECK THOMPSON CARR & HUBER INC		Subcontractor-External	\$1,424.50
TOTAL SUBCONTRACTOR CHARGES			\$1,424.50
		SUBTOTAL	\$1,424.50
		Total Top Task# 03.6	\$1,424.50

Top Task	04.5	Quality Control - FKE	
SUBCONTRACTOR		TYPE	CURRENT AMOUNT
FK ENGINEERING ASSOCIATES		Subcontractor-External	\$2,514.05
TOTAL SUBCONTRACTOR CHARGES			\$2,514.05
		SUBTOTAL	\$2,514.05
		Total Top Task# 04.5	\$2,514.05
		Total Project# 200-16347-19001	\$43,255.38

TOTAL AMOUNT DUE THIS INVOICE: **\$43,255.38**

Gross Contract Summary	
Contract Amount	\$2,455,507.00
Previously Billed	\$1,437,131.82
Current Billing	\$43,255.38
Total Billed to Date	\$1,480,387.20
Contract Balance Remaining	\$975,119.80

REMIT PAYMENT TO:

TETRA TECH, INC.

To ensure accurate posting, please note the invoice number on your check. Interest will be charged on all past-due amounts per contract terms and conditions.



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Kellie Kource	2. PHONE # 95337	3. DATE 7/6/22
4. SET ID VP220708KB		5. POST DATE [Signature]

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
Wade Trim	V09446	0201	2024377	7/1/2022	\$ 35,947.75

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	8210017C	80138	CC0037	80138	WO19004	8 1/2 Mile Relief	Pjt #MCW200501T, 5/28-6/24	\$ 35,947.75	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ **35,947.75**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Chapaton RTB Canal Rehab

25. Finance Officer: _____	30. Drain: 8 1/2 Mile Relief
26. Chief Deputy: _____	31. Project Balance: \$507,963.76(Grant Balance: \$190,148.42)
27. Engineers: _____	32. Staff Date: 7/12/2022
28. Managers: _____	33. Board Date: 8/8/2022
29. Coordinator: _____	34. Select For Pay Date: _____

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

WORK ORDER NUMBER	19004
PROJECT NUMBER	WWS-2019-002
PROJECT NAME	Chapaton RTB Canal Upgrades
DRAINAGE DISTRICT	Eight and One-Half Mile
CONSULTANT NAME	Wade Trim Associates, Inc.
INVOICE DATE	7/1/2022
INVOICE START DATE	5/28/2022
INVOICE END DATE	6/24/2022
ORIGINAL CONTRACT AMOUNT	\$ 977,611.00
CHANGE ORDER TOTAL	\$ 869,778.67
Change Order No. 1	\$ 75,000.00
Change Order No. 2	\$ 335,263.00
Change Order No. 3	\$ 99,812.00
Change Order No. 4	\$ 359,703.67
TOTAL REVISED CONTRACT AMOUNT	\$ 1,847,389.67
(includes all approved change orders only)	
TOTAL AMOUNT PREVIOUSLY INVOICED	\$ 1,303,478.16
TOTAL AMOUNT DUE THIS INVOICE	\$ 35,947.75
TOTAL BUDGET REMAINING	\$ 507,963.76
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)	



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 : 2024377
Invoice Date : 7/1/2022
Project : MCW200501T
Project Name : Chapaton RTB Canal Upgrades

For Professional Services Rendered For 5/28/2022 Through 6/24/2022

** All subconsultant invoices marked up 5% **

		Billings				
		Fee	Available	To Date	Previous	Current
<i>Rate Labor</i>	20,560.00	1,847,389.67	543,911.51	1,339,425.91	1,303,478.16	35,947.75
<i>Expenses</i>	15,387.75					
Current Billings						<u>35,947.75</u>
Amount Due This Bill						<u>35,947.75</u>

Total Fee : 1,847,389.67
To Date Billings : 1,339,425.91
Total Remaining : 507,963.76

Outstanding Receivables	Invoice Number	Date	Amount	Balance Due
	2024076	6/2/2022	16,134.53	<u>16,134.53</u>
				16,134.53

8A1 - Wade Trim

Rate Labor

<i>Class / Employee</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Project Admin				
Melanie A Phillips	6/9/2022	0.50	90.0000	45.00
Senior Professional				
Steven A Kalinowski	6/3/2022	1.00	265.0000	265.00
Jeffrey W Reynhout				
	5/31/2022	1.00	265.0000	265.00
	6/1/2022	2.00	265.0000	530.00
	6/14/2022	2.00	265.0000	530.00
	6/20/2022	1.00	265.0000	265.00
	6/21/2022	1.00	265.0000	265.00
Total Senior Professional		8.00		2,120.00
Total Rate Labor				2,165.00
Total Bill Task: 8A1 - Wade Trim				2,165.00

8A2 - NTH

Expenses

<i>Account / Vendor</i>	<i>Doc Number</i>	<i>Date</i>	<i>Cost</i>	<i>Multiplier</i>	<i>Amount</i>
Subconsultants					
NTH Consultants LTD	0020021771	6/3/2022	430.00	1.050	451.50
Total Expenses					451.50

8A3 - ASI

Expenses

<i>Account / Vendor</i>	<i>Doc Number</i>	<i>Date</i>	<i>Cost</i>	<i>Multiplier</i>	<i>Amount</i>
Subconsultants					
Applied Science Inc	0020021773	6/3/2022	14,225.00	1.050	14,936.25
Total Expenses					14,936.25

9A1 - WT Project Management

Rate Labor

<i>Class / Employee</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Senior Professional				
John Arvai				
	5/31/2022	0.50	265.0000	132.50
	6/3/2022	1.00	265.0000	265.00
	6/6/2022	0.50	265.0000	132.50
	6/8/2022	0.50	265.0000	132.50
	6/9/2022	0.50	265.0000	132.50
	6/21/2022	0.50	265.0000	132.50
	6/22/2022	0.50	265.0000	132.50
	6/23/2022	0.50	265.0000	132.50
	6/24/2022	0.50	265.0000	132.50
Gary J Prenger				
	6/13/2022	4.00	265.0000	1,060.00
	6/15/2022	1.00	265.0000	265.00
	6/16/2022	2.00	265.0000	530.00
Total Senior Professional		12.00		3,180.00
Total Rate Labor				3,180.00
Total Bill Task: 9A1 - WT Project Management				3,180.00

9A2 - WT Preliminary Design

Rate Labor

Class / Employee

CADD Technician III

Max T School

Date	Hours	Rate	Amount
6/6/2022	1.00	100.0000	100.00
6/15/2022	8.00	100.0000	800.00
6/16/2022	2.00	100.0000	200.00
6/17/2022	5.00	100.0000	500.00
6/23/2022	4.00	100.0000	400.00
6/24/2022	6.00	100.0000	600.00
Total CADD Technician III			2,600.00

Engineer I

Jason Obrycki-Smith

6/10/2022	0.50	105.0000	52.50
6/15/2022	2.00	105.0000	210.00
6/16/2022	1.00	105.0000	105.00
6/20/2022	3.00	105.0000	315.00
6/24/2022	0.50	105.0000	52.50
Total Engineer I			735.00

Engineer IV

Tyler Barkho

6/7/2022	1.00	155.0000	155.00
6/13/2022	4.00	155.0000	620.00
6/14/2022	4.00	155.0000	620.00
6/15/2022	1.50	155.0000	232.50
6/24/2022	1.00	155.0000	155.00
Total Engineer IV			1,782.50

Professional Engineer I

Tyler S Davidek

6/7/2022	1.00	135.0000	135.00
6/9/2022	2.00	135.0000	270.00
6/10/2022	1.00	135.0000	135.00
6/15/2022	1.00	135.0000	135.00
6/16/2022	2.00	135.0000	270.00
6/23/2022	1.00	135.0000	135.00
Total Professional Engineer I			1,080.00

Professional Engineer IV

Brad Lund

6/16/2022	2.50	215.0000	537.50
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Senior Professional

Steven A Kalinowski

6/7/2022	1.00	265.0000	265.00
6/8/2022	1.00	265.0000	265.00
6/9/2022	2.00	265.0000	530.00
6/15/2022	3.00	265.0000	795.00
6/16/2022	3.00	265.0000	795.00
6/20/2022	0.50	265.0000	132.50
6/22/2022	0.50	265.0000	132.50
6/24/2022	1.00	265.0000	265.00

9A2 - WT Preliminary Design

Rate Labor

Class / Employee

	Date	Hours	Rate	Amount
Senior Professional				
James K White	6/8/2022	2.00	265.0000	530.00
	6/9/2022	2.00	265.0000	530.00
	6/10/2022	4.00	265.0000	1,060.00
John Arvai	6/15/2022	1.00	265.0000	265.00
	6/16/2022	3.00	265.0000	795.00
	6/22/2022	2.00	265.0000	530.00
	6/23/2022	2.00	265.0000	530.00
Jeffrey W Reynhout	6/6/2022	1.00	265.0000	265.00
	6/7/2022	1.00	265.0000	265.00
	6/9/2022	2.00	265.0000	530.00
Total Senior Professional		32.00		8,480.00
			Total Rate Labor	15,215.00
Total Bill Task: 9A2 - WT Preliminary Design				15,215.00

Total Project: MCW200501T - Chapaton RTB Canal Upgrades

35,947.75

Work Description:

Project management and coordination of design activities, staff and team meetings. Monthly progress meeting and EGLE meeting held for Chapaton RTB Canal Rehabilitation design. Continued advancement of 30% drawing set and specification TOC. Update to draft BOD. Prepared monthly invoice and progress report.



Applied Science, Inc.

21455 Melrose Ave. Bldg R Suite 12 Southfield, MI 48075
Phone: (313) 567-3990 Fax: (313) 567-3750
www.asi-detroit.com

March 21, 2022

Invoice #10 (ASI Inv. #8147)

John Arvai, P.E.
Wade Trim
25251 Northline Road
Taylor, Michigan 48180

RE: RTB Canal Upgrades (2022 Revision)
(ASI Job No. 1831)

Services provided from March 22, 2022 through May 14, 2022.

<u>Employee</u>	<u>Classification</u>	<u>Direct Labor Hrs.</u>	<u>Hourly Rate</u>	<u>Total</u>
John Michalski	Sr. Project Manager	16.0	\$ 169.00	\$ 2,704.00
Doria Herold-Jacksob	CADD	15.0	\$ 111.00	\$ 1,665.00
Paul Szaga	Project Engineer	77.0	\$ 128.00	\$ 9,856.00
Total this invoice:				\$ 14,225.00
Previous Amount Invoiced:				\$ 72,990.00
Total Invoiced To-Date:				\$ 87,215.00
Not To Exceed (Original Budget):				\$ 68,005.00
Amendment No. 1 Budget:				\$ 27,000.00
Authorized Budget:				\$ 95,005.00
Amount Remaining:				\$ 7,790.00
Total Amount Due This Invoice:				\$ 14,225.00

Time by Project

3/20/2022 (Sun) - 5/14/2022 (Sat)

(Single Project)

(Includes unapproved hours)

	<u>Hours</u>	<u>Date</u>	<u>Task</u>	<u>Type</u>	<u>Sun</u>	<u>Mon</u>	<u>Tue</u>	<u>Wed</u>	<u>Thu</u>	<u>Fri</u>	<u>Sat</u>	<u>Approver</u>	<u>Status</u>	<u>Description</u>
Macomb Co. Public Works:1831 Chapaton Canal & Gate														
Herold-Jackson, Doria A.	4	03/27/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	Reg	0	4	0	0	0	0	0	CEC	04/04/22	
	10	03/27/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	Reg	0	0	4	6	0	0	0	CEC	04/04/22	
	1	05/01/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	Reg	0	0	0	1	0	0	0	CEC	Pending	
<i>Subtotal</i>	15													
Michalski, John R.	8	03/20/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	OT	0	3	3	1	0	1	0	CEC	04/04/22	
	3	04/24/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	Reg	0	0	0	0	1	2	0	CEC	05/02/22	
	3	05/01/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	Reg	0	0	0	0	1	2	0	CEC	Pending	
	2	05/08/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	OT	0	0	0	0	1	1	0	CEC	Pending	
<i>Subtotal</i>	16													
Szлага, Paul J.	8	03/20/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	Reg	0	4	4	0	0	0	0	CEC	04/04/22	Answer Fishbeck and Wade Trim email questions, meeting.
	12	03/27/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	Reg	0	8	4	0	0	0	0	CEC	04/04/22	Team meeting with Wade Trim
	16	04/17/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	Reg	0	0	3	6	4	3	0	CEC	05/02/22	Meeting, finalizing report
	14	04/24/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	Reg	0	0	0	4	6	4	0	CEC	05/02/22	
	12	05/01/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	Reg	0	0	2	2	4	4	0	CEC	Pending	Finalizing report, confirming elevations and flow rates
	15	05/08/22	1831 Chapaton Canal & Gate:1-400 2022 Redesign	Reg	0	5.50	7	2.50	0	0	0	CEC	Pending	Confirmation of critical elevations, re-run of models, finalize report
<i>Subtotal</i>	77													
<i>Subtotal</i>	108													
Total	108													



NTH Consultants, Ltd.

Infrastructure Engineering
and Environmental Services

Attention: John Arvai
Wade-Trim Associates, Inc.
25251 Northline
Taylor, MI 48180
US

Invoice : 629616
Invoice Date : 6/1/2022
Due Date : 7/1/2022
Project : 62190022
Project Name : MCO - Chapaton RTB Canal
Upgrades
Bill Term : 50

For Professional Services Rendered Through 5/27/2022

Authorization per Subcontractor Amendment No.1 signed on 5/31/2022

Existing Canal Widening

		<u>Billings</u>				
		<u>Fee</u>	<u>Available</u>	<u>To Date</u>	<u>Previous</u>	<u>Current</u>
50 - Existing Canal Widening		66,590.00	51,218.40	15,801.60	15,371.60	430.00
<i>Rate Labor</i>	430.00					
					Current Billings	<u>430.00</u>
					Amount Due This Bill	<u><u>430.00</u></u>

Total Fee : 66,590.00
To Date Billings : 15,801.60
Total Remaining : 50,788.40

Outstanding Receivables	<u>Invoice Number</u>	<u>Date</u>	<u>Amount</u>	<u>Balance Due</u>
	629410	5/9/2022	2,318.60	<u>2,318.60</u>
				<u>2,318.60</u>

50 - Existing Canal Widening

Rate Labor

Class / Employee

Hours

Rate

Amount

Sr Principal Engineer

Charles Roarty

2.00

215.000

430.00

Total Rate Labor

430.00

Total Project: 62190022 - MCO - Chapaton RTB Canal Upgrades

430.00



Mark A. Hackel
County Executive

ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	8/1/22
4. SET ID	5. POST DATE	

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
Weiss Construction	V081320	01	WWS-2021-006 APP 3	6/29/2022	\$ 150,916.50

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	8210017C	80126	CC0033	80126	WO21022	8 1/2 Mile	In-System Storage App 3	\$ 150,916.50	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 150,916.50

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Record Retainage \$16,768.50

25. Finance Officer: <u>BM/kk</u>	30. Drain: <u>8/1/2 Mile</u>
26. Chief Deputy: _____	31. Project Balance: <u>\$9,339,957.00</u>
27. Engineers: _____	32. Staff Date: <u>8/2/2022</u>
28. Managers: _____	33. Board Date: <u>8/8/2022</u>
29. Coordinator: _____	34. Select For Pay Date: _____

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

WORK ORDER NUMBER	WO19004
PROJECT NUMBER	WWS-2021-006
PROJECT NAME	In-System Storage
DRAINAGE DISTRICT	8-1/2 Mile Relief Drain
CONTRACTOR NAME	Weiss Construction Co., LLC
INVOICE DATE	6/29/2022
INVOICE START DATE	5/21/2022
INVOICE END DATE	6/17/2022

ORIGINAL CONTRACT AMOUNT	\$	9,673,200.00
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CHANGE ORDER TOTAL	\$	-
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Change Order No. 1	Date Executed:	
Change Order No. 2	Date Executed:	
Change Order No. 3	Date Executed:	
Change Order No. 4	Date Executed:	

TOTAL REVISED CONTRACT AMOUNT	\$	9,673,200.00
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(includes all approved change orders only)

TOTAL AMOUNT PREVIOUSLY INVOICED	\$	182,326.50
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TOTAL AMOUNT DUE THIS INVOICE	\$	150,916.50
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TOTAL BUDGET REMAINING	\$	9,339,957.00
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(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)

Contractor's Application for Payment

Owner:	<u>Macomb County Public Works</u>	Owner's Project No.:	<u>WWS-2021-0006</u>
Engineer:	<u>Tetra Tetra</u>	Engineer's Project No.:	<u>200-16347-19001</u>
Contractor:	<u>Weiss Construction</u>	Contractor's Project No.:	<u>2022-01</u>
Project:	<u>8-1/2 Mile Relief Drain DD - In System Storage</u>		
Contract:	<u>WWS-2021-006</u>		
Application No.:	<u>3</u>	Application Date:	<u>6/17/2022</u>
Application Period:	From <u>5/21/2022</u>	to	<u>6/17/2022</u>

1. Original Contract Price	\$ 9,673,200.00
2. Net change by Change Orders	\$ -
3. Current Contract Price (Line 1 + Line 2)	\$ 9,673,200.00
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$ 370,270.00
5. Retainage	
a. <u>10%</u> X \$ <u>370,270.00</u> Work Completed	\$ 37,027.00
b. _____ X \$ _____ Stored Materials	\$ -
c. Total Retainage (Line 5.a + Line 5.b)	\$ 37,027.00
6. Amount eligible to date (Line 4 - Line 5.c)	\$ 333,243.00
7. Less previous payments (Line 6 from prior application)	\$ 182,326.50
8. Amount due this application	\$ 150,916.50
9. Balance to finish, including retainage (Line 3 - Line 4)	\$ 9,302,930.00

Contractor's Certification

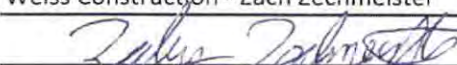
The undersigned Contractor certifies, to the best of its knowledge, the following:

(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 - Zach Zechmeister

Signature:  **Date:** 6/29/2022

Recommended by Engineer	Approved by Owner
By: <u></u>	By: <u></u>
Title: <u>Construction Manager</u>	Title: <u>Engineer II</u>
Date: <u>July 12, 2022</u>	Date: <u>07.26.22</u>
Approved by Funding Agency	
By: _____	By: <u></u>
Title: _____	Title: <u>Operations Manager</u>
Date: _____	Date: <u>07.28.22</u>

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2021-0006
Engineer:	Tetra Tetra	Engineer's Project No.:	200-16347-19001
Contractor:	Weiss Construction	Contractor's Project No.:	2022-01
Project:	8-1/2 Mile Relief Drain DD - In System Storage		
Contract:	WWS-2021-006		

Application No.: 3 Application Period: From 05/21/22 to 06/17/22 Application Date: 06/29/22

A Item No.	B Description	C Scheduled Value (\$)	D + E 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 (\$)				
Original Contract								
General								
1	Project Management - 20 months	\$300,000.00	60,000.00	15,000.00		75,000.00	25%	225,000.00
2	Mobilization (Main Site)	\$363,000.00					0%	363,000.00
3	Demobilization (All Sites)	\$121,000.00					0%	121,000.00
4	Site General Conditions - 20 months	\$200,000.00					0%	200,000.00
5	Submittals	\$75,000.00	20,000.00	15,000.00		35,000.00	47%	40,000.00
6	AsBuilts	\$25,000.00					0%	25,000.00
7	O&M Manuals	\$25,000.00					0%	25,000.00
8	Site Wide Commissioning - inc. Operational Demonstation	\$50,000.00					0%	50,000.00
9	Tunnel Locating - Probing	\$50,000.00	50,000.00			50,000.00	100%	
10	Survey/Layout	\$25,000.00					0%	25,000.00
11	Precon Photos	\$20,000.00					0%	20,000.00
12	Traffic Control	\$50,000.00	25,000.00	5,000.00		30,000.00	60%	20,000.00
13	SESC	\$20,000.00		5,000.00		5,000.00	25%	15,000.00
Procurement - Materials Only								
14	Precast Concrete - Multiple Sites	\$80,000.00					0%	80,000.00
15	Reinforcing Steel - Beaconsfield	\$190,000.00					0%	190,000.00
16	TERS Steel (Raw Materials) - Beaconsfield	\$538,000.00					0%	538,000.00
17	ISG - Inflatable Sewer Gate System - Post Submittal Approval -	\$100,000.00					0%	100,000.00
18	ISG - Controls and Equip (Blowers, Valves, CP) - Beaconsfield	\$350,000.00					0%	350,000.00
19	ISG - Inflatable Sewer Gate System - Bladder - Beaconsfield	\$400,000.00					0%	400,000.00
20	DIP - Multiple Sites	\$250,000.00					0%	250,000.00
21	FRP, PVC, HDPE - Beaconsfield	\$65,000.00					0%	65,000.00
22	Stainless Steel Pipe- Beaconsfield	\$55,000.00					0%	55,000.00
23	Carbon Based Odor Control - Multiple Sites	\$105,000.00					0%	105,000.00
24	Kelly Lightpost Vents - SpringCity - Kelly Site	\$70,000.00					0%	70,000.00
25	Sluice Gates - Hydrodate - Beaconsfield	\$255,000.00					0%	255,000.00
26	Misc Metals (Ladders, Grating, Etc) - Beaconsfield	\$45,000.00					0%	45,000.00
27	Tunnel Ribbing - Beaconsfield	\$35,000.00					0%	35,000.00
28	Lagging - Beaconsfield	\$75,000.00					0%	75,000.00
Small Sites								
29	Greatermack Site - COMPLETE	\$45,000.00					0%	45,000.00
30	Edgewood Site - COMPLETE	\$40,000.00					0%	40,000.00
31	O'Connor Site - COMPLETE	\$10,000.00					0%	10,000.00
Kelly Site								
32	Kelly - Clear Site & Traffic Control	\$5,000.00		5,000.00		5,000.00	100%	

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2021-0006
Engineer:	Tetra Tetra	Engineer's Project No.:	200-16347-19001
Contractor:	Weiss Construction	Contractor's Project No.:	2022-01
Project:	8-1/2 Mile Relief Drain DD - In System Storage		
Contract:	WWS-2021-006		

Application No.: 3 Application Period: From 05/21/22 to 06/17/22 Application Date: 06/29/22

A Item No.	B Description	C Scheduled Value (\$)	D + E 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 (\$)				
33	Kelly - SESC	\$5,000.00	-	2,500.00		2,500.00	50%	2,500.00
34	Kelly - Temp Protection (Temp Fence, Protect Shaft)	\$20,000.00	-	15,000.00		15,000.00	75%	5,000.00
35	Kelly - Shaft Egress and Setup	\$25,000.00	-	25,000.00		25,000.00	100%	-
36	Kelly - Hand Excavate to Top of Pipe	\$45,000.00	-	45,000.00		45,000.00	100%	-
37	Kelly- Concrete Collar	\$20,000.00	-			-	0%	20,000.00
38	Kelly - Stack Precast Risers	\$35,000.00	-			-	0%	35,000.00
39	Kelly - Odor Control - Set Vault, Interior Piping	\$45,000.00	-			-	0%	45,000.00
40	Kelly - Vent Site - DIP	\$50,200.00	-			-	0%	50,200.00
41	Kelly - Site Restoration	\$10,000.00	-			-	0%	10,000.00
	Beaconsfield		-			-		-
42	Tunnel Ribbing Installation	\$25,000.00	-			-	0%	25,000.00
43	Sawcut Pavement	\$8,000.00	-			-	0%	8,000.00
44	Excavation to TERS 591	\$70,000.00	-			-	0%	70,000.00
45	TERS 591 Install	\$50,000.00	-			-	0%	50,000.00
46	Excavation to TERS 581.5	\$245,000.00	-			-	0%	245,000.00
47	TERS 581 Install	\$60,000.00	-			-	0%	60,000.00
48	Excavation to 573 - Top of Pipe	\$190,000.00	-			-	0%	190,000.00
49	TERS 573 Install	\$60,000.00	-			-	0%	60,000.00
50	Excavation to Mudmat Elevation	\$200,000.00	-			-	0%	200,000.00
51	Undermine Tunnel	\$200,000.00	-			-	0%	200,000.00
52	Concrete - MudMat	\$45,000.00	-			-	0%	45,000.00
53	Concrete - Base Slab	\$135,000.00	-			-	0%	135,000.00
54	Concrete - Walls to 577	\$320,000.00	-			-	0%	320,000.00
55	Concrete - Deck at 577	\$120,000.00	-			-	0%	120,000.00
56	Concrete - Walls to 587	\$160,000.00	-			-	0%	160,000.00
57	Concrete - Deck at 587	\$110,000.00	-			-	0%	110,000.00
58	Concrete - Bypass Culvert	\$75,000.00	-			-	0%	75,000.00
59	Backfill	\$160,000.00	-			-	0%	160,000.00
60	Sawcut Entry to Sewer	\$95,000.00	-			-	0%	95,000.00
61	Bypass - Temp Support	\$55,000.00	-			-	0%	55,000.00
62	Concrete Bench and Prep	\$45,000.00	-			-	0%	45,000.00
63	Concrete Fillets	\$15,000.00	-			-	0%	15,000.00
64	Site Utilities inc. 24" Vent	\$160,000.00	-			-	0%	160,000.00
65	New Gas Service (excluding utility fees)	\$20,000.00	-			-	0%	20,000.00
66	New Water Service (excluding tap)	\$20,000.00	-			-	0%	20,000.00
67	Inflate Deflate - Site DIP	\$25,000.00	-			-	0%	25,000.00
68	A,V,PS, IF/DF - Site HDPE	\$25,000.00	-			-	0%	25,000.00

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2021-0006
Engineer:	Tetra Tetra	Engineer's Project No.:	200-16347-19001
Contractor:	Weiss Construction	Contractor's Project No.:	2022-01
Project:	8-1/2 Mile Relief Drain DD - In System Storage		
Contract:	WWS-2021-006		

Application No.: 3 Application Period: From 05/21/22 to 06/17/22 Application Date: 06/29/22

A Item No.	B Description	C Scheduled Value (\$)	D + E 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 (\$)				
69	Hydr. Line Conduits/Raceway - Site	\$20,000.00	-			-	0%	20,000.00
70	Chipping/Demo at Tunnel for Piping Install	\$25,000.00	-			-	0%	25,000.00
71	A,V,PS - Stainless Steel at Structure	\$35,000.00	-			-	0%	35,000.00
72	Ladders, Grating, Stop Log Channel	\$45,000.00	-			-	0%	45,000.00
73	Control Building Underground Utilities	\$25,000.00	-			-	0%	25,000.00
74	Control Building Foundations	\$45,000.00	-			-	0%	45,000.00
75	Control Building SOG	\$30,000.00	-			-	0%	30,000.00
76	Control Building Trusses, Framing, Sheathing	\$30,000.00	-			-	0%	30,000.00
77	Control Building Roofing, Gutter, Sheetmetal	\$35,000.00	-			-	0%	35,000.00
78	Control Building Doors, Misc.	\$20,000.00	-			-	0%	20,000.00
79	Control Building Equipment Pads	\$12,000.00	-			-	0%	12,000.00
80	A,V,PS, Inflate Deflate Stainless at Control Building	\$75,000.00	-			-	0%	75,000.00
81	ISG - In Tunnel Installation	\$155,000.00	-			-	0%	155,000.00
82	ISG - Factory Startup	\$75,000.00	-			-	0%	75,000.00
83	Sluice Gates Install	\$25,000.00	-			-	0%	25,000.00
84	Sluice Gates Factory Startup	\$10,000.00	-			-	0%	10,000.00
85	Carbon Based Odor Control - Pad, Set, Complete Piping	\$55,000.00	-			-	0%	55,000.00
86	Ductbank Excavation	\$35,000.00	-			-	0%	35,000.00
87	Beaconsfield Pavement & Sidewalk Replacement - Site	\$95,000.00	-			-	0%	95,000.00
88	Perm Fencing	\$15,000.00	-			-	0%	15,000.00
89	Site Pavers	\$40,000.00	-			-	0%	40,000.00
90	Restoration and Landscaping	\$25,000.00	-			-	0%	25,000.00
	Gaukler Site							
91	Gaukler - Clear Site & Traffic Control	\$5,000.00	-	2,500.00		2,500.00	50%	2,500.00
92	Gaukler - SESC	\$5,000.00	-	2,500.00		2,500.00	50%	2,500.00
93	Gaukler - Temp Protection (Temp Fence, Protect Shaft)	\$20,000.00	-			-	0%	20,000.00
94	Gaukler - Shaft Egress and Setup	\$25,000.00	-			-	0%	25,000.00
95	Gaukler - Hand Excavate to Top of Pipe	\$45,000.00	-			-	0%	45,000.00
96	Gaukler - Concrete Collar	\$20,000.00	-			-	0%	20,000.00
97	Gaukler - Stack Precast Risers	\$35,000.00	-			-	0%	35,000.00
98	Gaukler - Odor Control - Pad, Set, Complete Piping	\$40,000.00	-			-	0%	40,000.00
99	Gaukler - Perm. Fence	\$8,000.00	-			-	0%	8,000.00
100	Gaukler - Pavers	\$35,000.00	-			-	0%	35,000.00
101	Gaukler - Site Restoration	\$10,000.00	-			-	0%	10,000.00
	Malvern Site							
102	Malvern - Traffic Control & Fencing	\$10,000.00	-			-	0%	10,000.00
103	Malvern - Concrete Removal	\$20,000.00	-			-	0%	20,000.00

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2021-0006
Engineer:	Tetra Tetra	Engineer's Project No.:	200-16347-19001
Contractor:	Weiss Construction	Contractor's Project No.:	2022-01
Project:	8-1/2 Mile Relief Drain DD - In System Storage		
Contract:	WWS-2021-006		

Application No.:		Application Period:		From		to		Application Date:	
3				05/21/22		06/17/22		06/29/22	
A	B	C	D		E	F	G	H	I
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 (\$)					
104	Malvern - Excavate & Set Vault	\$25,000.00	-	-	-	-	0%	25,000.00	
105	Malvern - Site Work - DIP	\$25,000.00	-	-	-	-	0%	25,000.00	
106	Malvern - DIP - Inside Vault	\$35,000.00	-	-	-	-	0%	35,000.00	
107	Malvern - Galv. Vent w Rope	\$20,000.00	-	-	-	-	0%	20,000.00	
108	Malvern - Concrete Replacement	\$45,000.00	-	-	-	-	0%	45,000.00	
109	Malvern - Site Restoration	\$5,000.00	-	-	-	-	0%	5,000.00	
	Rohrscheib Sons Caissons								
110	RSC - Kelly Mobe	\$15,000.00	-	15,000.00	-	15,000.00	100%	-	
111	RSC - Kelly Casing	\$20,500.00	16,815.00	3,685.00	-	20,500.00	100%	-	
112	RSC - Kelly Shaft	\$11,500.00	-	11,500.00	-	11,500.00	100%	-	
113	RSC - Gaukler Mobe	\$15,000.00	-	-	-	-	0%	15,000.00	
114	RSC - Gaukler Casing	\$29,000.00	23,895.00	-	-	23,895.00	82%	5,105.00	
115	RSC - Gaukler Shaft	\$15,000.00	-	-	-	-	0%	15,000.00	
116	RSC - Beaconsfield Soldiers Mobe	\$25,000.00	-	-	-	-	0%	25,000.00	
117	RSC - Beaconsfield Soldiers	\$187,000.00	-	-	-	-	0%	187,000.00	
118	RSC - Beaconsfield Control Building Cages	\$12,500.00	-	-	-	-	0%	12,500.00	
119	RSC - Beaconsfield Control Building Caisson Foundations	\$26,500.00	-	-	-	-	0%	26,500.00	
	Misc Subs								
120	Mason - Control Building	\$60,000.00	-	-	-	-	0%	60,000.00	
121	Paint - Signature	\$16,600.00	-	-	-	-	0%	16,600.00	
122	HVAC	\$55,000.00	-	-	-	-	0%	55,000.00	
	Rotor Electric								
124	Rotor - BF- Mobe	\$14,500.00	-	-	-	-	0%	14,500.00	
125	Pole to Service & 10-CP-01	\$20,000.00	-	-	-	-	0%	20,000.00	
126	Distribution Equipment	\$50,000.00	-	-	-	-	0%	50,000.00	
127	Generator	\$70,000.00	-	-	-	-	0%	70,000.00	
128	ATS to 10-CP-01	\$12,000.00	-	-	-	-	0%	12,000.00	
129	Feeder to Hydraulic Power Pack	\$2,300.00	-	-	-	-	0%	2,300.00	
130	Hydraulic CP to 10-CP-01	\$18,000.00	-	-	-	-	0%	18,000.00	
131	Feeder to Inflatable Dam CP	\$16,000.00	-	-	-	-	0%	16,000.00	
132	Blowers and Vacuum Pump	\$19,000.00	-	-	-	-	0%	19,000.00	
133	Gate Structure	\$68,000.00	-	-	-	-	0%	68,000.00	
134	Rain Gauge	\$19,000.00	-	-	-	-	0%	19,000.00	
135	AC-1	\$15,000.00	-	-	-	-	0%	15,000.00	
136	Pressure Switch to AC-1	\$15,000.00	-	-	-	-	0%	15,000.00	
137	Unit Heater UH-1	\$16,000.00	-	-	-	-	0%	16,000.00	
138	SF-1, EF-1, Recepts.	\$20,000.00	-	-	-	-	0%	20,000.00	

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2021-0006
Engineer:	Tetra Tetra	Engineer's Project No.:	200-16347-19001
Contractor:	Weiss Construction	Contractor's Project No.:	2022-01
Project:	8-1/2 Mile Relief Drain DD - In System Storage		
Contract:	WWS-2021-006		

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			(D + E) From Previous Application (\$)	This Period (\$)				
139	Lighting	\$25,000.00				-	0%	25,000.00
140	Door Limit Switches to 10-CP-01	\$4,000.00				-	0%	4,000.00
141	10-CP-01 to Security Panel	\$13,000.00				-	0%	13,000.00
142	LP to Security Panel	\$12,000.00				-	0%	12,000.00
143	Eastlawn/Rosedale	\$6,600.00				-	0%	6,600.00
144	Malvern	\$4,000.00				-	0%	4,000.00
	Unit Price Work							-
145	Unit Price Repair Type A - 50 lineal ft base bid	\$10,000.00				-	0%	10,000.00
146	Unit Price Repair Type B - 150 square ft base bid	\$15,000.00				-	0%	15,000.00
147	Unit Price Repair Type C - 100 square ft base bid	\$10,000.00				-	0%	10,000.00
	Owner Allowances							-
148	Electric Service Allowance	\$100,000.00	-			-	0%	100,000.00
149	Flow Metering Allowance	\$150,000.00	-			-	0%	150,000.00
150	Gas Service Allowance	\$10,000.00	-			-	0%	10,000.00
151	Electric Integration Allowance	\$20,000.00				-	0%	20,000.00
152	Permit Allowance	\$15,000.00	6,875.00			6,875.00	46%	8,125.00
153	Software - SCADA Allowance	\$60,000.00				-	0%	60,000.00
154	Water Services Allowance	\$10,000.00				-	0%	10,000.00
								-
Original Contract Totals		\$9,673,200.00	\$ 202,585.00	\$ 167,685.00	\$ -	\$ 370,270.00	4%	\$ 9,302,930.00

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2021-0006
Engineer:	Tetra Tetra	Engineer's Project No.:	200-16347-19001
Contractor:	Weiss Construction	Contractor's Project No.:	2022-01
Project:	8-1/2 Mile Relief Drain DD - In System Storage		
Contract:	WWS-2021-006		

Application No.: 3 Application Period: From 05/21/22 to 06/17/22 Application Date: 06/29/22

A	B	C	D	E	F	G	H	I
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 (\$)				
Change Orders								
001						-		-
						-		-
						-		-
						-		-
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						-		-
						-		-
						-		-
Change Order Totals		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Original Contract and Change Orders								
Project Totals		\$ 9,673,200.00	\$ 202,585.00	\$ 167,685.00	\$ -	\$ 370,270.00	4%	\$ 9,302,930.00

Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner: Macomb County Public Works
 Engineer: Tetra Tetra
 Contractor: Weiss Construction
 Project: 8-1/2 Mile Relief Drain DD - In System Storage
 Contract: WWS-2021-006

Owner's Project No.: WWS-2021-0006
 Engineer's Project No.: 200-16347-19001
 Contractor's Project No.: 2022-01

Application No.: 3 Application Period: From 05/21/22 to 06/17/22 Application Date: 06/17/22

A Bid Item No.	B Description	C Contract Information				D Work Completed		I Materials Currently Stored (not in G) (\$)	J Work Completed and Materials Stored to Date (H + I) (\$)	K % of Value of Item (J / F) (%)	L Balance to Finish (F - J) (\$)
		E Item Quantity	F Units	G Unit Price (\$)	H Value of Bid Item (C X E) (\$)	D Estimated Quantity Incorporated in the Work	E Value of Work Completed to Date (E X G) (\$)				
Original Contract											
	Unit Price Repair Type A - 50 lineal ft base bid	50.00	ln ft		-		-		-		-
	Unit Price Repair Type B - 150 square ft base bid	150.00	sq ft		-		-		-		-
	Unit Price Repair Type C - 100 square ft base bid	150.00	sq ft		-		-		-		-
					-		-		-		-
					-		-		-		-
					-		-		-		-
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					-		-		-		-
					-		-		-		-
					-		-		-		-
					-		-		-		-
Original Contract Totals					\$	-		\$	-	\$	-

Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner:	Macomb County Public Works
Engineer:	Tetra Tetra
Contractor:	Weiss Construction
Project:	8-1/2 Mile Relief Drain DD - In System Storage
Contract:	WWS-2021-006

Owner's Project No.:	WWS-2021-0006
Engineer's Project No.:	200-16347-19001
Contractor's Project No.:	2022-01

Application No.: 3 Application Period: From 05/21/22 to 06/17/22 Application Date: 06/17/22

A	B	C	D	E	F	G	H	I	J	K	L
Bid Item No.	Description	Contract Information				Work Completed		Materials Currently Stored (not in G) (\$)	Work Completed and Materials Stored to Date (H + I) (\$)	% of Value of Item (J / F) (%)	Balance to Finish (F - J) (\$)
		Item Quantity	Units	Unit Price (\$)	Value of Bid Item (C X E) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G) (\$)				
Change Orders											
					-		-		-		-
					-		-		-		-
					-		-		-		-
					-		-		-		-
					-		-		-		-
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					-		-		-		-
					-		-		-		-
					-		-		-		-
					-		-		-		-
					-		-		-		-
					Change Order Totals	\$	-	\$	-	\$	-
Original Contract and Change Orders											
					Project Totals	\$	-	\$	-	\$	-

Stored Materials Summary

Contractor's Application for Payment

Owner:	Macomb County Public Works
Engineer:	Tetra Tetra
Contractor:	Weiss Construction
Project:	8-1/2 Mile Relief Drain DD - In System Storage
Contract:	WWS-2021-006

Owner's Project No.:	WWS-2021-0006
Engineer's Project No.:	200-16347-19001
Contractor's Project No.:	2022-01

Application No.: 3 Application Period: From 05/21/22 to 06/17/22 Application Date: 06/17/22

A	B	C	D	E	F	G H I			J K L			M							
Item No. (Lump Sum Tab) or Bid Item No. (Unit Price Tab)	Supplier Invoice No.	Submittal No. (with Specification Section No.)	Description of Materials or Equipment Stored	Storage Location	Application No. When Materials Placed in Storage	Materials Stored			Incorporated in Work			Materials Remaining in Storage (I-L) (\$)							
						Previous Amount Stored (\$)	Amount Stored this Period (\$)	Amount Stored to Date (G+H) (\$)	Amount Previously Incorporated in the Work (\$)	Amount Incorporated in the Work this Period (\$)	Total Amount Incorporated in the Work (J+K) (\$)								
112	41765	31 66 16 - 03	Permanent steel casing - Kelly	RSC Yard (New Hudson MI)	1	16,815.00		16,815.00		16,815.00	16,815.00	-							
114	41765	31 66 16 - 03	Permanent steel casing - Gaukler	RSC Yard (New Hudson MI)	1	23,895.00		23,895.00			-	23,895.00							
Totals						\$	40,710.00	\$	-	\$	40,710.00	\$	-	\$	16,815.00	\$	16,815.00	\$	23,895.00

CONTRACTOR'S DECLARATION

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

Project Name: In System Storage

Contract No.: WWS-2021-006

Contract Date: 1/6/2022

Contractor: Weiss Construction Co. LLC

Owner: 8 1/2 Mile Relief Drain Drainage District

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

6/29/2022

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 7/7/2022

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

CONTRACTOR

By: 
(Authorized Signature)

Name: Zachary Zechmeister
(Print Name)

Title: Project Manager

Date: 7/7/2022

END OF SECTION 00 61 13.1



Weiss Construction Co. LLC
 8.5 Mile Relief Drain Drainage District In-System Storage
 Change Event Log

Date of Log 7/7/2022

Event Number	Date Initiated	Description	ROM Estimate	Entity	Sub Quote Name	Sub Costs	Total Cost	Date Firm Quote	Status (Accepted, Pending, Rejected, Etc)	CO/CCD Number	Comments/Notes
1	2/22/2022	DTE Changes to facilitate construction, including clearance to OH electrical		DTE			\$ 94,440.06		Final DTE costs in hand and approved via email.		Above Owner Allowance
1		-Awaiting DTE final design (multiple revisions) and any easement issues		Rotor			\$ 40,125.83		Weiss cutting checks		
1		Timeline is not established and letter of potential delay dated 4/25/2022		Weiss			\$ 41,828.59		Additional 6,000 to True Church Ministries in process		
2	3/28/2022	Malvern - Gaukler - SCS Bldg Dept Changes - PR-A		Weiss			\$ 335,766.06		Quoted and Owner/Engineer working through redesign due to cost		
2		Changes to underground and visible portion of work. PR-A issued 4.21.2022		TBD							
2											
3	4/7/2022	Floecksmuhle Escalation		Weiss			\$ 123,500.00		Proposed cost accepted 6/30/2022		
3		-Letter sent 4/13/2022, Tetra Tech has rejected proposed extra cost 4/18/2022		Floecksmuhle							
3		-Response letter sent to Tetra Tech-Macomb on 5/16/2022									
4		RFI 002 - Waterstop at Concrete Collars (Kelly/Gaukler)		Weiss			\$ 436.04		Quoted, initial review is denied.		
4											
4											
5		PR-B - Malvern Vent Changes		Weiss					Pending Weiss quote		
5											
5											



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	8/1/22
4. SET ID	5. POST DATE	

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
Weiss Construction	V081320	01	WWS-2021-006 APP 4	7/26/2022	\$ 502,155.94

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	8210017C	80126	CC0033	80126	WO21022	8 1/2 Mile	In-System Storage App 4	\$ 502,155.94	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 502,155.94

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Record Retainage \$55,795.11

<p>25. Finance Officer: <u>BM/kk</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8/1/2 Mile</u></p> <p>31. Project Balance: <u>\$8,837,801.06</u></p> <p>32. Staff Date: <u>8/2/2022</u></p> <p>33. Board Date: <u>8/8/2022</u></p> <p>34. Select For Pay Date: _____</p>
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**MACOMB COUNTY PUBLIC WORKS OFFICE
CONTRACTOR INVOICE COVER SHEET**

WORK ORDER NUMBER WO19004

PROJECT NUMBER WWS-2021-006

PROJECT NAME In-System Storage

DRAINAGE DISTRICT 8-1/2 Mile Relief Drain

CONTRACTOR NAME Weiss Construction Co., LLC

INVOICE DATE 7/26/2022

INVOICE START DATE 6/18/2022

INVOICE END DATE 7/22/2022

ORIGINAL CONTRACT AMOUNT		\$ 9,673,200.00
CHANGE ORDER TOTAL		\$ -
Change Order No. 1	Date Executed:	
Change Order No. 2	Date Executed:	
Change Order No. 3	Date Executed:	
Change Order No. 4	Date Executed:	
TOTAL REVISED CONTRACT AMOUNT		\$ 9,673,200.00
(includes all approved change orders only)		
TOTAL AMOUNT PREVIOUSLY INVOICED		\$ 333,243.00
TOTAL AMOUNT DUE THIS INVOICE		\$ 502,155.94
TOTAL BUDGET REMAINING		\$ 8,837,801.06
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)		

Contractor's Application for Payment

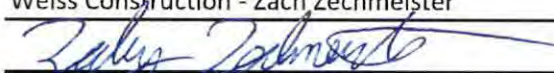
Owner:	<u>Macomb County Public Works</u>	Owner's Project No.:	<u>WWS-2021-0006</u>
Engineer:	<u>Tetra Tetra</u>	Engineer's Project No.:	<u>200-16347-19001</u>
Contractor:	<u>Weiss Construction</u>	Contractor's Project No.:	<u>2022-01</u>
Project:	<u>8-1/2 Mile Relief Drain DD - In System Storage</u>		
Contract:	<u>WWS-2021-006</u>		
Application No.:	<u>4</u>	Application Date:	<u>7/22/2022</u>
Application Period:	From <u>6/18/2022</u>	to	<u>7/22/2022</u>

1. Original Contract Price	\$ 9,673,200.00
2. Net change by Change Orders	\$ -
3. Current Contract Price (Line 1 + Line 2)	\$ 9,673,200.00
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$ 928,221.05
5. Retainage	
a. <u>10%</u> X \$ <u>928,221.05</u> Work Completed	\$ 92,822.11
b. _____ X \$ <u>252,542.05</u> Stored Materials	\$ -
c. Total Retainage (Line 5.a + Line 5.b)	\$ 92,822.11
6. Amount eligible to date (Line 4 - Line 5.c)	\$ 835,398.94
7. Less previous payments (Line 6 from prior application)	\$ 333,243.00
8. Amount due this application	\$ 502,155.94
9. Balance to finish, including retainage (Line 3 - Line 4)	\$ 8,744,978.95


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 - Zach Zechmeister
Signature:  **Date:** 7/26/2022

<p>Recommended by Engineer</p> <p>By: <u></u></p> <p>Title: <u>Construction Manager</u></p> <p>Date: <u>July 27, 2022</u></p>	<p>Approved by Owner</p> <p>By: <u></u></p> <p>Title: <u>Engineer II</u></p> <p>Date: <u>07.27.22</u></p>
--	---

<p>Approved by Funding Agency</p> <p>By: _____</p> <p>Title: _____</p> <p>Date: _____</p>	<p>By: <u></u></p> <p>Title: <u>Operations Manager</u></p> <p>Date: <u>07.28.22</u></p>
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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2021-0006
Engineer:	Tetra Tetra	Engineer's Project No.:	200-16347-19001
Contractor:	Weiss Construction	Contractor's Project No.:	2022-01
Project:	8-1/2 Mile Relief Drain DD - In System Storage		
Contract:	WWS-2021-006		

Application No.: 4 Application Period: From 06/18/22 to 07/22/22 Application Date: 07/22/22

A Item No.	B Description	C Scheduled Value (\$)	D + E 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 (\$)				
Original Contract								
General								
1	Project Management - 20 months	\$300,000.00	75,000.00	15,000.00		90,000.00	30%	210,000.00
2	Mobilization (Main Site)	\$363,000.00				-	0%	363,000.00
3	Demobilization (All Sites)	\$121,000.00				-	0%	121,000.00
4	Site General Conditions - 20 months	\$200,000.00				-	0%	200,000.00
5	Submittals	\$75,000.00	35,000.00	10,000.00		45,000.00	60%	30,000.00
6	AsBuilts	\$25,000.00				-	0%	25,000.00
7	O&M Manuals	\$25,000.00				-	0%	25,000.00
8	Site Wide Commissioning - inc. Operational Demonstation	\$50,000.00				-	0%	50,000.00
9	Tunnel Locating - Probing	\$50,000.00	50,000.00			50,000.00	100%	-
10	Survey/Layout	\$25,000.00		7,500.00		7,500.00	30%	17,500.00
11	Precon Photos	\$20,000.00		10,000.00		10,000.00	50%	10,000.00
12	Traffic Control	\$50,000.00	30,000.00			30,000.00	60%	20,000.00
13	SESC	\$20,000.00	5,000.00			5,000.00	25%	15,000.00
Procurement - Materials Only								
14	Precast Concrete - Multiple Sites	\$80,000.00				-	0%	80,000.00
15	Reinforcing Steel - Beaconsfield	\$190,000.00				-	0%	190,000.00
16	TERS Steel (Raw Materials) - Beaconsfield	\$538,000.00			252,542.05	252,542.05	47%	285,457.95
17	ISG - Inflatable Sewer Gate System - Post Submittal Approval -	\$100,000.00				-	0%	100,000.00
18	ISG - Controls and Equip (Blowers, Valves, CP) - Beaconsfield	\$350,000.00				-	0%	350,000.00
19	ISG - Inflatable Sewer Gate System - Bladder - Beaconsfield	\$400,000.00				-	0%	400,000.00
20	DIP - Multiple Sites	\$250,000.00				-	0%	250,000.00
21	FRP, PVC, HDPE - Beaconsfield	\$65,000.00				-	0%	65,000.00
22	Stainless Steel Pipe- Beaconsfield	\$55,000.00				-	0%	55,000.00
23	Carbon Based Odor Control - Multiple Sites	\$105,000.00				-	0%	105,000.00
24	Kelly Lightpost Vents - SpringCity - Kelly Site	\$70,000.00				-	0%	70,000.00
25	Sluice Gates - Hydrogate - Beaconsfield	\$255,000.00				-	0%	255,000.00
26	Misc Metals (Ladders, Grating, Etc) - Beaconsfield	\$45,000.00				-	0%	45,000.00
27	Tunnel Ribbing - Beaconsfield	\$35,000.00				-	0%	35,000.00
28	Lagging - Beaconsfield	\$75,000.00				-	0%	75,000.00
Small Sites								
29	Greatermack Site - COMPLETE	\$45,000.00				-	0%	45,000.00
30	Edgewood Site - COMPLETE	\$40,000.00				-	0%	40,000.00
31	O'Connor Site - COMPLETE	\$10,000.00				-	0%	10,000.00
Kelly Site								
32	Kelly - Clear Site & Traffic Control	\$5,000.00	5,000.00			5,000.00	100%	-

42,500
252,542.05
495,042.05

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: Macomb County Public Works
 Engineer: Tetra Tetra
 Contractor: Weiss Construction
 Project: 8-1/2 Mile Relief Drain DD - In System Storage
 Contract: WWS-2021-006

Owner's Project No.: WWS-2021-0006
 Engineer's Project No.: 200-16347-19001
 Contractor's Project No.: 2022-01

Application No.: 4 Application Period: From 06/18/22 to 07/22/22 Application Date: 07/22/22

A Item No.	B Description	C Scheduled Value (\$)	D + E 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 (\$)				
33	Kelly - SESC	\$5,000.00	2,500.00			2,500.00	50%	2,500.00
34	Kelly - Temp Protection (Temp Fence, Protect Shaft)	\$20,000.00	15,000.00			15,000.00	75%	5,000.00
35	Kelly - Shaft Egress and Setup	\$25,000.00	25,000.00			25,000.00	100%	-
36	Kelly - Hand Excavate to Top of Pipe	\$45,000.00	45,000.00			45,000.00	100%	-
37	Kelly- Concrete Collar	\$20,000.00	-	20,000.00		20,000.00	100%	-
38	Kelly- Stack Precast Risers	\$35,000.00	-			-	0%	35,000.00
39	Kelly - Odor Control - Set Vault, Interior Piping	\$45,000.00	-			-	0%	45,000.00
40	Kelly - Vent Site - DIP	\$50,200.00	-			-	0%	50,200.00
41	Kelly - Site Restoration	\$10,000.00	-			-	0%	10,000.00
Beaconsfield								
42	Tunnel Ribbing Installation	\$25,000.00	-			-	0%	25,000.00
43	Sawcut Pavement	\$8,000.00	-			-	0%	8,000.00
44	Excavation to TERS 591	\$70,000.00	-			-	0%	70,000.00
45	TERS 591 Install	\$50,000.00	-			-	0%	50,000.00
46	Excavation to TERS 581.5	\$245,000.00	-			-	0%	245,000.00
47	TERS 581 Install	\$60,000.00	-			-	0%	60,000.00
48	Excavation to 573 - Top of Pipe	\$190,000.00	-			-	0%	190,000.00
49	TERS 573 Install	\$60,000.00	-			-	0%	60,000.00
50	Excavation to Mudmat Elevation	\$200,000.00	-			-	0%	200,000.00
51	Undermine Tunnel	\$200,000.00	-			-	0%	200,000.00
52	Concrete - MudMat	\$45,000.00	-			-	0%	45,000.00
53	Concrete - Base Slab	\$135,000.00	-			-	0%	135,000.00
54	Concrete - Walls to 577	\$320,000.00	-			-	0%	320,000.00
55	Concrete - Deck at 577	\$120,000.00	-			-	0%	120,000.00
56	Concrete - Walls to 587	\$160,000.00	-			-	0%	160,000.00
57	Concrete - Deck at 587	\$110,000.00	-			-	0%	110,000.00
58	Concrete - Bypass Culvert	\$75,000.00	-			-	0%	75,000.00
59	Backfill	\$160,000.00	-			-	0%	160,000.00
60	Sawcut Entry to Sewer	\$95,000.00	-			-	0%	95,000.00
61	Bypass - Temp Support	\$55,000.00	-			-	0%	55,000.00
62	Concrete Bench and Prep	\$45,000.00	-			-	0%	45,000.00
63	Concrete Fillets	\$15,000.00	-			-	0%	15,000.00
64	Site Utilities inc. 24" Vent	\$160,000.00	-			-	0%	160,000.00
65	New Gas Service (excluding utility fees)	\$20,000.00	-			-	0%	20,000.00
66	New Water Service (excluding tap)	\$20,000.00	-			-	0%	20,000.00
67	Inflate Deflate - Site DIP	\$25,000.00	-			-	0%	25,000.00
68	A,V,PS, IF/DF - Site HDPE	\$25,000.00	-			-	0%	25,000.00

20,000

107,500

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2021-0006
Engineer:	Tetra Tetra	Engineer's Project No.:	200-16347-19001
Contractor:	Weiss Construction	Contractor's Project No.:	2022-01
Project:	8-1/2 Mile Relief Drain DD - In System Storage		
Contract:	WWS-2021-006		

Application No.: 4 Application Period: From 06/18/22 to 07/22/22 Application Date: 07/22/22

A Item No.	B Description	C Scheduled Value (\$)	D + E 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 (\$)				
69	Hydr. Line Conduits/Raceway - Site	\$20,000.00	-	-		-	0%	20,000.00
70	Chipping/Demo at Tunnel for Piping Install	\$25,000.00	-	-		-	0%	25,000.00
71	A,V,PS - Stainless Steel at Structure	\$35,000.00	-	-		-	0%	35,000.00
72	Ladders, Grating, Stop Log Channel	\$45,000.00	-	-		-	0%	45,000.00
73	Control Building Underground Utilities	\$25,000.00	-	-		-	0%	25,000.00
74	Control Building Foundations	\$45,000.00	-	-		-	0%	45,000.00
75	Control Building SOG	\$30,000.00	-	-		-	0%	30,000.00
76	Control Building Trusses, Framing, Sheathing	\$30,000.00	-	-		-	0%	30,000.00
77	Control Building Roofing, Gutter, Sheetmetal	\$35,000.00	-	-		-	0%	35,000.00
78	Control Building Doors, Misc.	\$20,000.00	-	-		-	0%	20,000.00
79	Control Building Equipment Pads	\$12,000.00	-	-		-	0%	12,000.00
80	A,V,PS, Inflate Deflate Stainless at Control Building	\$75,000.00	-	-		-	0%	75,000.00
81	ISG - In Tunnel Installation	\$155,000.00	-	-		-	0%	155,000.00
82	ISG - Factory Startup	\$75,000.00	-	-		-	0%	75,000.00
83	Sluice Gates Install	\$25,000.00	-	-		-	0%	25,000.00
84	Sluice Gates Factory Startup	\$10,000.00	-	-		-	0%	10,000.00
85	Carbon Based Odor Control - Pad, Set, Complete Piping	\$55,000.00	-	-		-	0%	55,000.00
86	Ductbank Excavation	\$35,000.00	-	-		-	0%	35,000.00
87	Beaconsfield Pavement & Sidewalk Replacement - Site	\$95,000.00	-	-		-	0%	95,000.00
88	Perm Fencing	\$15,000.00	-	-		-	0%	15,000.00
89	Site Pavers	\$40,000.00	-	-		-	0%	40,000.00
90	Restoration and Landscaping	\$25,000.00	-	-		-	0%	25,000.00
Gaukler Site								
91	Gaukler - Clear Site & Traffic Control	\$5,000.00	2,500.00			2,500.00	50%	2,500.00
92	Gaukler - SESC	\$5,000.00	2,500.00			2,500.00	50%	2,500.00
93	Gaukler - Temp Protection (Temp Fence, Protect Shaft)	\$20,000.00	-	15,000.00		15,000.00	75%	5,000.00
94	Gaukler - Shaft Egress and Setup	\$25,000.00	-	25,000.00		25,000.00	100%	-
95	Gaukler - Hand Excavate to Top of Pipe	\$45,000.00	-	45,000.00		45,000.00	100%	-
96	Gaukler - Concrete Collar	\$20,000.00	-	20,000.00		20,000.00	100%	-
97	Gaukler - Stack Precast Risers	\$35,000.00	-	-		-	0%	35,000.00
98	Gaukler - Odor Control - Pad, Set, Complete Piping	\$40,000.00	-	-		-	0%	40,000.00
99	Gaukler - Perm. Fence	\$8,000.00	-	-		-	0%	8,000.00
100	Gaukler - Pavers	\$35,000.00	-	-		-	0%	35,000.00
101	Gaukler - Site Restoration	\$10,000.00	-	-		-	0%	10,000.00
Malvern Site								
102	Malvern - Traffic Control & Fencing	\$10,000.00	-	-		-	0%	10,000.00
103	Malvern - Concrete Removal	\$20,000.00	-	-		-	0%	20,000.00

105,000

110,000

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2021-0006
Engineer:	Tetra Tetra	Engineer's Project No.:	200-16347-19001
Contractor:	Weiss Construction	Contractor's Project No.:	2022-01
Project:	8-1/2 Mile Relief Drain DD - In System Storage		
Contract:	WWS-2021-006		

Application No.: 4 Application Period: From 06/18/22 to 07/22/22 Application Date: 07/22/22

A Item No.	B Description	C Scheduled Value (\$)	D + E 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 (\$)				
104	Malvern - Excavate & Set Vault	\$25,000.00	-			-	0%	25,000.00
105	Malvern - Site Work - DIP	\$25,000.00	-			-	0%	25,000.00
106	Malvern - DIP - Inside Vault	\$35,000.00	-			-	0%	35,000.00
107	Malvern - Galv. Vent w Rope	\$20,000.00	-			-	0%	20,000.00
108	Malvern - Concrete Replacement	\$45,000.00	-			-	0%	45,000.00
109	Malvern - Site Restoration	\$5,000.00	-			-	0%	5,000.00
	Rohrscheib Sons Caissons							
110	RSC - Kelly Mobe	\$15,000.00	15,000.00			15,000.00	100%	-
111	RSC - Kelly Casing	\$20,500.00	20,500.00			20,500.00	100%	-
112	RSC - Kelly Shaft	\$11,500.00	11,500.00			11,500.00	100%	-
113	RSC - Gaukler Mobe	\$15,000.00	-	15,000.00		15,000.00	100%	-
114	RSC - Gaukler Casing	\$29,000.00	23,895.00	5,105.00		29,000.00	100%	-
115	RSC - Gaukler Shaft	\$15,000.00	-	15,000.00		15,000.00	100%	-
116	RSC - Beaconsfield Soldiers Mobe	\$25,000.00	-			-	0%	25,000.00
117	RSC - Beaconsfield Soldiers	\$187,000.00	-			-	0%	187,000.00
118	RSC - Beaconsfield Control Building Cages	\$12,500.00	-			-	0%	12,500.00
119	RSC - Beaconsfield Control Building Caisson Foundations	\$26,500.00	-			-	0%	26,500.00
	Misc Subs							
120	Mason - Control Building	\$60,000.00	-			-	0%	60,000.00
121	Paint - Signature	\$16,600.00	-			-	0%	16,600.00
122	HVAC	\$55,000.00	-			-	0%	55,000.00
	Rotor Electric							
124	Rotor - BF- Mobe	\$14,500.00	-			-	0%	14,500.00
125	Pole to Service & 10-CP-01	\$20,000.00	-			-	0%	20,000.00
126	Distribution Equipment	\$50,000.00	-			-	0%	50,000.00
127	Generator	\$70,000.00	-			-	0%	70,000.00
128	ATS to 10-CP-01	\$12,000.00	-			-	0%	12,000.00
129	Feeder to Hydraulic Power Pack	\$2,300.00	-			-	0%	2,300.00
130	Hydraulic CP to 10-CP-01	\$18,000.00	-			-	0%	18,000.00
131	Feeder to inflatable Dam CP	\$16,000.00	-			-	0%	16,000.00
132	Blowers and Vacuum Pump	\$19,000.00	-			-	0%	19,000.00
133	Gate Structure	\$68,000.00	-			-	0%	68,000.00
134	Rain Gauge	\$19,000.00	-			-	0%	19,000.00
135	AC-1	\$15,000.00	-			-	0%	15,000.00
136	Pressure Switch to AC-1	\$15,000.00	-			-	0%	15,000.00
137	Unit Heater UH-1	\$16,000.00	-			-	0%	16,000.00
138	SF-1, EF-1, Receipts.	\$20,000.00	-			-	0%	20,000.00

35,105

106,000

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2021-0006
Engineer:	Tetra Tetra	Engineer's Project No.:	200-16347-19001
Contractor:	Weiss Construction	Contractor's Project No.:	2022-01
Project:	8-1/2 Mile Relief Drain DD - In System Storage		
Contract:	WWS-2021-006		

Application No.: 4 Application Period: From 06/18/22 to 07/22/22 Application Date: 07/22/22

A Item No.	B Description	C Scheduled Value (\$)	D + E 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 (D + E) From Previous Application (\$)	E This Period (\$)				
139	Lighting	\$25,000.00				-	0%	25,000.00
140	Door Limit Switches to 10-CP-01	\$4,000.00				-	0%	4,000.00
141	10-CP-01 to Security Panel	\$13,000.00				-	0%	13,000.00
142	LP to Security Panel	\$12,000.00				-	0%	12,000.00
143	Eastlawn/Rosedale	\$6,600.00				-	0%	6,600.00
144	Malvern	\$4,000.00				-	0%	4,000.00
Unit Price Work								
145	Unit Price Repair Type A - 50 lineal ft base bid	\$10,000.00				-	0%	10,000.00
146	Unit Price Repair Type B - 150 square ft base bid	\$15,000.00				-	0%	15,000.00
147	Unit Price Repair Type C - 100 square ft base bid	\$10,000.00				-	0%	10,000.00
Owner Allowances								
148	Electric Service Allowance	\$100,000.00	-	100,000.00		100,000.00	100%	-
149	Flow Metering Allowance	\$150,000.00	-			-	0%	150,000.00
150	Gas Service Allowance	\$10,000.00	-			-	0%	10,000.00
151	Electric Integration Allowance	\$20,000.00				-	0%	20,000.00
152	Permit Allowance	\$15,000.00	6,875.00	2,804.00		9,679.00	65%	5,321.00
153	Software - SCADA Allowance	\$60,000.00				-	0%	60,000.00
154	Water Services Allowance	\$10,000.00				-	0%	10,000.00
Original Contract Totals		\$9,673,200.00	\$ 370,270.00	\$ 305,409.00	\$ 252,542.05	\$ 928,221.05	10%	\$ 8,744,978.95

102,804

109,679

Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner: Macomb County Public Works
 Engineer: Tetra Tetra
 Contractor: Weiss Construction
 Project: 8-1/2 Mile Relief Drain DD - In System Storage
 Contract: WWS-2021-006

Owner's Project No.: WWS-2021-0006
 Engineer's Project No.: 200-16347-19001
 Contractor's Project No.: 2022-01

Application No.: 4 Application Period: From 06/18/22 to 07/22/22 Application Date: 07/22/22

A Bid Item No.	B Description	C Contract Information				D Work Completed		I Materials Currently Stored (not in G) (\$)	J Work Completed and Materials Stored to Date (H + I) (\$)	K % of Value of Item (J / F) (%)	L Balance to Finish (F - J) (\$)
		E Item Quantity	F Units	G Unit Price (\$)	H Value of Bid Item (C X E) (\$)	G Estimated Quantity Incorporated in the Work	H Value of Work Completed to Date (E X G) (\$)				
Original Contract											
	Unit Price Repair Type A - 50 lineal ft base bid	50.00	In ft		-		-		-		-
	Unit Price Repair Type B - 150 square ft base bid	150.00	sq ft		-		-		-		-
	Unit Price Repair Type C - 100 square ft base bid	150.00	sq ft		-		-		-		-
					-		-		-		-
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					-		-		-		-
Original Contract Totals					\$	-		\$	-	\$	-

Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner: Macomb County Public Works
 Engineer: Tetra Tetra
 Contractor: Weiss Construction
 Project: 8-1/2 Mile Relief Drain DD - In System Storage
 Contract: WWS-2021-006

Owner's Project No.: WWS-2021-0006
 Engineer's Project No.: 200-16347-19001
 Contractor's Project No.: 2022-01

Application No.: 4 Application Period: From 06/18/22 to 07/22/22 Application Date: 07/22/22

A Bid Item No.	B Description	C Contract Information			D Work Completed			I Materials Currently Stored (not in G) (\$)	J Work Completed and Materials Stored to Date (H + I) (\$)	K % of Value of Item (J / F) (%)	L Balance to Finish (F - J) (\$)
		C Item Quantity	D Units	E Unit Price (\$)	F Value of Bid Item (C X E) (\$)	G Estimated Quantity Incorporated in the Work	H Value of Work Completed to Date (E X G) (\$)				
Change Orders											
					-		-		-		-
					-		-		-		-
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					-		-		-		-
					Change Order Totals		\$ -		\$ -		\$ -
Original Contract and Change Orders											
					Project Totals		\$ -		\$ -		\$ -

Stored Materials Summary

Contractor's Application for Payment

Owner:	Macomb County Public Works	Owner's Project No.:	WWS-2021-0006
Engineer:	Tetra Tetra	Engineer's Project No.:	200-16347-19001
Contractor:	Weiss Construction	Contractor's Project No.:	2022-01
Project:	8-1/2 Mile Relief Drain DD - In System Storage		
Contract:	WWS-2021-006		

Application No.: 4		Application Period: From 06/18/22 to 07/22/22						Application Date: 07/22/22											
Item No. (Lump Sum Tab) or Bid Item No. (Unit Price Tab)	Supplier Invoice No.	Submittal No. (with Specification Section No.)	Description of Materials or Equipment Stored	Storage Location	Application No. When Materials Placed in Storage	Materials Stored			Incorporated in Work			Materials Remaining in Storage (I-L) (\$)							
						Previous Amount Stored (\$)	Amount Stored this Period (\$)	Amount Stored to Date (G+H) (\$)	Amount Previously Incorporated in the Work (\$)	Amount Incorporated in the Work this Period (\$)	Total Amount Incorporated in the Work (J+K) (\$)								
112	41765	31 66 16 - 03	Permanent steel casing - Kelly	RSC Yard (New Hudson MI)	1	16,815.00		16,815.00		16,815.00	16,815.00	-							
114	41765	31 66 16 - 03	Permanent steel casing - Gaukler	RSC Yard (New Hudson MI)	1	23,895.00		23,895.00		23,895.00	23,895.00	-							
16	1445867		TERS Raw Steel 6/14/22 shipment	ONSITE - Beaconsfield	4		71,359.47	71,359.47				71,359.47							
16	1446871		TERS Raw Steel 6/15/22 shipment	ONSITE - Beaconsfield	4		61,497.13	61,497.13				61,497.13							
16	1449005		TERS Raw Steel 7/5/22 shipment	ONSITE - Beaconsfield	4		60,189.26	60,189.26				60,189.26							
16	1449377		TERS Raw Steel 7/6/22 shipment	ONSITE - Beaconsfield	4		59,496.19	59,496.19				59,496.19							
												-							
												-							
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Totals						\$	40,710.00	\$	252,542.05	\$	293,252.05	\$	-	\$	40,710.00	\$	40,710.00	\$	252,542.05

CONTRACTOR'S DECLARATION

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

Project Name: In System Storage

Contract No.: WWS-2021-006

Contract Date: 1/6/2022

Contractor: Weiss Construction Co. LLC

Owner: 8 1/2 Mile Relief Drain Drainage District

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

7/26/2022

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 7/26/2022

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

CONTRACTOR

By: 
(Authorized Signature)

Name: Zachary Zechmeister
(Print Name)

Title: Project Manager

Date: 7/26/2022

END OF SECTION 00 61 13.1



Weiss Construction Co. LLC
 8.5 Mile Relief Drain Drainage District In-System Storage
 Change Event Log

Date of Log 7/26/2022

Event Number	Date Initiated	Description	ROM Estimate	Entity	Sub Quote Name	Sub Costs	Total Cost	Date Firm Quote	Status (Accepted, Pending, Rejected, Etc)	CO/CCD Number	Comments/Notes
1	2/22/2022	DTE Changes to facilitate construction, including clearance to OH electrical		DTE			\$ 102,910.48		Final DTE costs in hand and approved via email.		Above Owner Allowance
1		-Awaiting DTE final design (multiple revisions) and any easement issues		Rotor			\$ 40,125.83		Weiss cutting checks		
1		Timeline is not established and letter of potential delay dated 4/25/2022		Weiss			\$ 41,828.59		Additional 5,000 to True Church Ministries in process		
				True Church Ministries			\$ 6,000.00				
2	3/28/2022	Malvern - Gaukler - SCS Bldg Dept Changes - PR-A		Weiss			\$ 235,766.06		Rejected and Tetra Tech/Macomb working on revised		
2		Changes to underground and visible portion of work. PR-A issued 4.21.2022		TBD					Planned credit to delete tank and small process/concrete changes		
2									VOID		
3	4/7/2022	Floecksmuhle Escalation		Weiss			\$ 123,500.00		Proposed cost accepted 6/30/2022		
3		-Letter sent 4/13/2022, Tetra Tech has rejected proposed extra cost 4/18/2022		Floecksmuhle							
3		-Response letter sent to Tetra Tech-Macomb on 5/16/2022									
4		RFI 002 - Waterstop at Concrete Collars (Kelly/Gaukler)		Weiss			\$ 436.04		Quoted. Initial review is denied.		
4											
4											
5	6/20/2022	PR-B - Malvern Vent Changes		Weiss					Pending Weiss quote		
5									Need signature quote		
5											
6	7/18/2022	RFI 10 - Hatch Spec - SHOULD BE ZERO COST		Weiss							
6											
6											
8	7/22/2022	PR-C Gaukler Carbon Can Delete		Weiss							
8											
8											

SWORN STATEMENT FOR CONTRACTOR

Date: 7/26/2022

Inv.#: WC22-01-04

STATE OF: Michigan
 COUNTY OF: Oakland

Zach Zechmeister (deponent) being sworn, states the following:

Weiss Construction is the (contractor) for an Improvement to the following described real property in Macomb County, MI, described as follows: 8 1/2 Mile Relief Drain In-System Storage Devices

The following is a statement of work, labor and materials, including equipment and fixtures of all kinds done, performed or furnished as of the date of the request for payment for whom payment of wages or fringe benefits and withholdings is due but unpaid, with whom the Contractor has subcontracted for performance under the contract WWS-2021-0006, and the amounts due as of the date of this statement are correctly and fully set forth opposite their names:

Name of Subcontractor, Laborer or Materialman (A)	Type of Improvement Furnished (B)	Total Contract Amount (C)	Amount Previously Paid (D)	Amount Invoiced Not Yet Paid (E)	Amount of Current Application (F)	Balance To Complete Including Retention (C-D-E-F)
Rohrschreib Sons	Drilled Shaft/Soldier Piles	\$ 357,000.00	\$ 36,639.00	\$ -	\$ -	\$ 320,361.00
	TOTALS	\$ 357,000.00	\$ 36,639.00	\$ -	\$ -	\$ 320,361.00

Contractor has attached sworn statements from all Subcontractors, Laborers, and Materialmen identified in the above chart. Contractor has not procured work, labor and materials, including equipment and fixtures of all kinds done, performed or furnished with, any person other than those set forth above and owes no money for the improvement other than the sums set forth above.

I make this statement, as the Contractor, to represent to the Owner and its agents that the Work completed under this contract is free from claims or liens, or the possibility of, of any kind, except as specifically set forth in this statement.

7/26/2022 (Date) Zach Zechmeister/Project Manager (Deponent)

WARNING TO DEPONENT: A PERSON WHO GIVES A FALSE SWORN STATEMENT WITH INTENT TO DEFRAUD, GIVES A FALSE SWORN STATEMENT FOR THE PURPOSE OF OBTAINING PAYMENT IS SUBJECT TO CRIMINAL AND CIVIL PENALTIES AS PROVIDED BY LAW, INCLUDING SECTION 110 OF THE CONSTRUCTION LIEN ACT, 1980 PA 497, MCL 570.1110.

Kelly Kolarov
 Kelly Kolarov, Notary Public
 Oakland County, Michigan

My Commission Expires: 5/2/2024
 Acting in the County of: Oakland

KELLY KOLAROV
 Notary Public, State of Michigan
 County of Oakland
 My Commission Expires 05-02-2024
 Acting in the County of _____

Zachary Zechmeister

From: Ard, Timothy <Timothy.Ard@tetrattech.com>
Sent: Tuesday, July 5, 2022 2:46 PM
To: Zachary Zechmeister; Vincent Astorino; Steve Rozycki
Cc: Weiss, David; Jeremy Jarinski
Subject: RE: 8 1/2 mile drain project

Ok, got it. Thanks.

Timothy Ard | Construction Manager
Main: 734.665.6000 | Direct: 734.213.4022 | Cell: 734.216.9280
tim.ard@tetrattech.com

While we are operating remotely in response to COVID-19, Tetra Tech teams remain fully connected and hard at work servicing our clients and ongoing projects. We also would like to wish health and wellness to you and your family.

Tetra Tech | Water, Environment & Infrastructure
710 Avis Drive, Suite 100 | Ann Arbor, MI 48108 | www.tetrattech.com

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From: Zachary Zechmeister <zzechmeister@weiss-construction.com>
Sent: Tuesday, July 5, 2022 2:45 PM
To: Ard, Timothy <Timothy.Ard@tetrattech.com>; Vincent Astorino <vincent.astorino@macombgov.org>; Steve Rozycki <steve.rozycki@macombgov.org>
Cc: Weiss, David <David.Weiss@tetrattech.com>; Jeremy Jarinski <jeremy.jarinski@macombgov.org>
Subject: RE: 8 1/2 mile drain project

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Tim-

I was stating the amount we would charge through the allowance. \$2,804 charged to permit allowance. All other funds by Weiss/refundable.

Zach Zechmeister

Project Manager



Weiss Construction Company, LLC
41001 Grand River Ave
Novi, MI 48375
Cell: (586) 596-3199
Office: (313) 567-4500 x 108
www.weiss-construction.com

From: Ard, Timothy <Timothy.Ard@tetrattech.com>
Sent: Tuesday, July 5, 2022 2:43 PM
To: Zachary Zechmeister <zzechmeister@weiss-construction.com>; Vincent Astorino <vincent.astorino@macombgov.org>; Steve Rozycki <steve.rozycki@macombgov.org>

Cc: Weiss, David <David.Weiss@tetrattech.com>; Jeremy Jarinski <jeremy.jarinski@macombgov.org>

Subject: RE: 8 1/2 mile drain project

Your first email says \$3300 refundable?

Timothy Ard | Construction Manager
Main: 734.665.6000 | Direct: 734.213.4022 | Cell: 734.216.9280
tim.ard@tetrattech.com

While we are operating remotely in response to COVID-19, Tetra Tech teams remain fully connected and hard at work servicing our clients and ongoing projects. We also would like to wish health and wellness to you and your family.

Tetra Tech | Water, Environment & Infrastructure
710 Avis Drive, Suite 100 | Ann Arbor, MI 48108 | www.tetrattech.com

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From: Zachary Zechmeister <zzechmeister@weiss-construction.com>

Sent: Tuesday, July 5, 2022 2:42 PM

To: Ard, Timothy <Timothy.Ard@tetrattech.com>; Vincent Astorino <vincent.astorino@macombgov.org>; Steve Rozycki <steve.rozycki@macombgov.org>

Cc: Weiss, David <David.Weiss@tetrattech.com>; Jeremy Jarinski <jeremy.jarinski@macombgov.org>

Subject: RE: 8 1/2 mile drain project

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Tim-

So that is \$2,804. We'll track that accordingly.

Zach Zechmeister

Project Manager



Weiss Construction Company, LLC
41001 Grand River Ave
Novi, MI 48375
Cell: (586) 596-3199
Office: (313) 567-4500 x 108
www.weiss-construction.com

From: Ard, Timothy <Timothy.Ard@tetrattech.com>

Sent: Tuesday, July 5, 2022 2:40 PM

To: Zachary Zechmeister <zzechmeister@weiss-construction.com>; Vincent Astorino <vincent.astorino@macombgov.org>; Steve Rozycki <steve.rozycki@macombgov.org>

Cc: Weiss, David <David.Weiss@tetrattech.com>; Jeremy Jarinski <jeremy.jarinski@macombgov.org>

Subject: RE: 8 1/2 mile drain project

Wouldn't Weiss just pay the refundable amount and get it back once the permits are closed? The easiest way to track is to pay out the allowed expense of the permits only.

Timothy Ard | Construction Manager
Main: 734.665.6000 | Direct: 734.213.4022 | Cell: 734.216.9280
tim.ard@tetrattech.com

While we are operating remotely in response to COVID-19, Tetra Tech teams remain fully connected and hard at work servicing our clients and ongoing projects. We also would like to wish health and wellness to you and your family.

Tetra Tech | Water, Environment & Infrastructure
710 Avis Drive, Suite 100 | Ann Arbor, MI 48108 | www.tetrattech.com

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From: Zachary Zechmeister <zzechmeister@weiss-construction.com>

Sent: Tuesday, July 5, 2022 2:18 PM

To: Vincent Astorino <vincent.astorino@macombgov.org>; Steve Rozycki <steve.rozycki@macombgov.org>; Ard, Timothy <Timothy.Ard@tetrattech.com>

Cc: Weiss, David <David.Weiss@tetrattech.com>; Jeremy Jarinski <jeremy.jarinski@macombgov.org>

Subject: FW: 8 1/2 mile drain project

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Tim, Vince, Steve-

SCS is requiring separate permits as previously eluded to. In summary the below items add up as follows:

Permit fees (non refundable) \$2,804

Bond fees (refundable) \$2,300

NOTE: I mentioned to Nicole Friday this is a project bonded with a P&P bond and usually this waives any of these small bond fees. This did not change the numbers received today.

This sums up to the \$5,104

Plus concrete registration (Weiss self perform)

Concrete Surety Bond: \$1000

Registration \$50

Total of these costs is then:

\$ 6,154 , with \$3,300 as refundable

So far \$6,875 has been paid out to Eastpointe and Macomb (SESC) for their permitting (out of \$15,000 allowance).

For accounting purposes, how you would like to see this structured for billing?

- A. Track the total amount, pay the total amount, and process a credit at the end of the job, tracking as a change event (then all of Weiss' expense is captured)?
- B. Or only pay out the actual permit fees?

Either way, we will get the check going to SCS to move forward.

Zach Zechmeister

Project Manager



Weiss Construction Company, LLC
41001 Grand River Ave
Novi, MI 48375
Cell: (586) 596-3199
Office: (313) 567-4500 x 108
www.weiss-construction.com

From: Laviolette, Nicole <LavioletteN@scsmi.net>
Sent: Tuesday, July 5, 2022 12:23 PM
To: Zachary Zechmeister <zzechmeister@weiss-construction.com>
Cc: Laviolette, Nicole <LavioletteN@scsmi.net>
Subject: 8 1/2 mile drain project

Hi Zach,

Following is the breakdown of the fees we discussed on Friday. The total for all permits is \$5,104.
All the review fees were added onto 22300 Gaukler.

Reminder that I need someone to register as a concrete contractor for the concrete permits. Liability insurance, \$1,000 concrete surety bond, a concrete stamp and \$50 is required to register as a concrete contractor.

- 1) 22300 Gaukler: \$2,209 for ROW permit, \$300 bond, \$65 concrete
- 2) 23501 Malvern: \$50 ROW, \$300 bond, \$105 concrete
- 3) 22100 Greater Mack: \$50 ROW, \$300 bond, \$40 concrete
- 4) 22801 Edgewood: \$50 ROW, \$300 bond
- 5) 22736 O'Connor: \$50 ROW, \$300 bond
- 6) 19801 Rosedale: \$50 ROW, \$300 bond
- 7) Soil Erosion: \$135 permit, \$500 in bonds

Thanks
Nicole

Nicole Laviolette
City of St Clair Shores
Community Development
lavioletten@scsmi.net
586-447-3392

CITY OF ST. CLAIR SHORES
 27600 JEFFERSON CIRCLE DRIVE
 ST. CLAIR SHORES, MICHIGAN
 48081-2093
 Phone : 586-447-3317
 E-Mail : WEBMASTER@SCSMI.NET
 WWW.SCSMI.NET

Received From: WEISS CONSTRUCTION CO., LLC
 Date: 07/19/2022 Time: 3:36:01 PM
 Receipt: 91250108
 Cashier: valentinev

ITEM REFERENCE	AMOUNT
BDINV BUILDING INVOICE 00207763	\$2,209.00
BDINV BUILDING INVOICE 00207768	\$300.00
BDINV BUILDING INVOICE 00207773	\$65.00
BDINV BUILDING INVOICE 00207774	\$50.00
BDINV BUILDING INVOICE 00207776	\$300.00
BDINV BUILDING INVOICE 00207777	\$105.00
BDINV BUILDING INVOICE 00207786	\$50.00
BDINV BUILDING INVOICE 00207787	\$300.00
BDINV BUILDING INVOICE 00207788	\$40.00
BDINV BUILDING INVOICE 00207783	\$50.00
BDINV BUILDING INVOICE 00207784	\$300.00
BDINV BUILDING INVOICE 00207780	\$50.00
BDINV BUILDING INVOICE 00207781	\$300.00
BDINV BUILDING INVOICE 00207778	\$50.00
BDINV BUILDING INVOICE 00207779	\$300.00
BDINV BUILDING INVOICE 00205702	\$200.00
BDINV BUILDING INVOICE 00205703	\$300.00
BDINV BUILDING INVOICE 00205225	\$135.00
TOTAL	\$5,104.00
CHECKS/OTHER 12648	\$5,104.00
Total Tendered:	\$5,104.00
Change:	\$0.00



Remit to address:
 P O Box 95206
 Chicago, IL 60694-5206
 Phone: 734-464-4000 Opt. 3

Printed on: June 23, 2022
 3:59:39PM
 Page 1 of 2

Invoice No: 1446867

Bill To: WEISS CONSTRUCTION CO.
 41001 GRAND RIVER AVE
 NOVI, MI 48375

Ship To: JOBSITE - EASTPOINTE
 22125 BEACONSFIELD AVE
 EASTPOINTE, MI 48021

Customer P.O.#: WC22-01-p-05
 Terms: 1/2% 10 N30
 Salesperson 1: Samantha Buckley
 Contract: PO WC22-01-PO-05/JOB WC22-01

F.O.B.: Delivered
 Salesperson 2: Mackenzie Woodworth

Invoice Date: 6/14/22
 Sales Order No: 440964
 Ship Date: 6/14/22
 Ship Via: Our Truck

Ordered Qty	Qty Shipped	Description	Length	Weight	Price	UM	Extension
----- BOL No: 382392 -----							
2	2	24" WF BEAM 279# A992 D2 "PRICE IN EFFECT AT TIME OF SHIPMENT"	40' 0"	22,320.00	\$99.00	C	\$22,096.80
1	1	12" WF BEAM 210# A992 G3 "PRICE IN EFFECT AT TIME OF SHIPMENT"	40' 0"	8,400.00	\$81.90	C	\$6,879.60
1	1	12" WF BEAM 210# A992 J3-K3 "PRICE IN EFFECT AT TIME OF SHIPMENT"	55' 0"	11,550.00	\$85.90	C	\$9,921.45
1	1	12" WF BEAM 210# A992 L3-M2-N3 "PRICE IN EFFECT AT TIME OF SHIPMENT"	60' 0"	12,600.00	\$85.90	C	\$10,823.40



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Printed on: June 23, 2022
 3:59:39PM
 Page 2 of 2

Invoice No: 1446867

Bill To: WEISS CONSTRUCTION CO.
 41001 GRAND RIVER AVE
 NOVI, MI 48375

Ship To: JOBSITE - EASTPOINTE
 22125 BEACONSFIELD AVE
 EASTPOINTE, MI 48021

Customer P.O.#: WC22-01-p-05
 Terms: 1/2% 10 N30
 Salesperson 1: Samantha Buckley
 Contract: PO WC22-01-PO-05/JOB WC22-01

F.O.B.: Delivered
 Salesperson 2: Mackenzie Woodworth

Invoice Date: 6/14/22
 Sales Order No: 440964
 Ship Date: 6/14/22
 Ship Via: Our Truck

Ordered Qty	Qty Shipped	Description	Length	Weight	Price	UM	Extension
----- BOL No: 382392 -----							
1	1	14" WF BEAM 342# A992 F3 "PRICE IN EFFECT AT TIME OF SHIPMENT"	50' 0"	17,100.00	\$17,500.00	A	\$17,500.00
1	1	Transportation and Packaging Surcharge		0.00	\$99.00	E	\$99.00
7	7	Totals		71,970.00			

Messages:

shipping to eastpointe

-mw

Subtotal Taxable \$67,320.25

Michigan Tax \$4,039.22

Total \$71,359.47

\$336.60 may be deducted
 if paid before 6/24/2022

All documents other than payments can be sent to: AR@contractorssteel.com
 3.5% will be added to all invoices paid via credit card



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 Phone: 734-464-4000 Opt. 3

Printed on: June 23, 2022
 5:13:12PM
 Page 1 of 3

Invoice No: 1446871

Bill To: WEISS CONSTRUCTION CO.
 41001 GRAND RIVER AVE
 NOVI, MI 48375

Ship To: JOBSITE - EASTPOINTE
 22125 BEACONSFIELD AVE
 EASTPOINTE, MI 48021

Customer P.O.#: WC22-01-p-05
 Terms: 1/2% 10 N30
 Salesperson 1: Samantha Buckley
 Contract: PO WC22-01-PO-05/JOB WC22-01

F.O.B.: Delivered
 Salesperson 2: Mackenzie Woodworth

Invoice Date: 6/15/22
 Sales Order No: 440963
 Ship Date: 6/15/22
 Ship Via: Our Truck

Ordered Qty	Qty Shipped	Description	Length	Weight	Price	UM	Extension
----- BOL No: 382620 -----							
3	3	24" WF BEAM 131# A992 a1-b1, c1 "PRICE IN EFFECT AT TIME OF SHIPMENT"	45' 0"	17,685.00	\$80.90	C	\$14,307.17
2	2	24" WF BEAM 131# A992 D1 "PRICE IN EFFECT AT TIME OF SHIPMENT"	40' 0"	10,480.00	\$80.90	C	\$8,478.32
1	1	24" WF BEAM 131# A992 E1 "PRICE IN EFFECT AT TIME OF SHIPMENT"	55' 0"	7,205.00	\$80.90	C	\$5,828.85
1	1	14" WF BEAM 159# A992 F1 "PRICE IN EFFECT AT TIME OF SHIPMENT"	50' 0"	7,950.00	\$94.90	C	\$7,544.55



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Printed on: June 23, 2022
 5:13:12PM
 Page 2 of 3

Invoice No: 1446871

Bill To: WEISS CONSTRUCTION CO.
 41001 GRAND RIVER AVE
 NOVI, MI 48375

Ship To: JOBSITE - EASTPOINTE
 22125 BEACONSFIELD AVE
 EASTPOINTE, MI 48021

Customer P.O.#: WC22-01-p-05
 Terms: 1/2% 10 N30
 Salesperson 1: Samantha Buckley
 Contract: PO WC22-01-PO-05/JOB WC22-01

F.O.B.: Delivered
 Salesperson 2: Mackenzie Woodworth

Invoice Date: 6/15/22
 Sales Order No: 440963
 Ship Date: 6/15/22
 Ship Via: Our Truck

Ordered Qty	Qty Shipped	Description	Length	Weight	Price	UM	Extension
----- BOL No: 382620 -----							
1	1	12" WF BEAM 96# A992 H1-11 "PRICE IN EFFECT AT TIME OF SHIPMENT"	40' 0"	3,840.00	\$80.90	C	\$3,106.56
1	1	14" WF BEAM 211# A992 "PRICE IN EFFECT AT TIME OF SHIPMENT"	50' 0"	10,550.00	\$86.90	C	\$9,167.95
2	2	18" WF BEAM 143# A992 "PRICE IN EFFECT AT TIME OF SHIPMENT"	40' 0"	11,440.00	\$82.90	C	\$9,483.76
1	1	Transportation and Packaging Surcharge		0.00	\$99.00	E	\$99.00



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 5:13:12PM
 Page 3 of 3

Invoice No: 1446871

Bill To: WEISS CONSTRUCTION CO.
 41001 GRAND RIVER AVE
 NOVI, MI 48375

Ship To: JOBSITE - EASTPOINTE
 22125 BEACONSFIELD AVE
 EASTPOINTE, MI 48021

Customer P.O.#: WC22-01-p-05
 Terms: 1/2% 10 N30
 Salesperson 1: Samantha Buckley
 Contract: PO WC22-01-PO-05/JOB WC22-01

F.O.B.: Delivered
 Salesperson 2: Mackenzie Woodworth

Invoice Date: 6/15/22
 Sales Order No: 440963
 Ship Date: 6/15/22
 Ship Via: Our Truck

Ordered Qty	Qty Shipped	Description	Length	Weight	Price	UM	Extension
12	12						
Totals					69,150.00		

Messages:

shipping to eastpointe
 -mw

Subtotal Taxable \$58,016.16

Michigan Tax \$3,480.97

Total \$61,497.13

**\$290.08 may be deducted
 if paid before 6/25/2022**

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 2:51:10PM
 Page 1 of 3

Invoice No: 1449005

Bill To: WEISS CONSTRUCTION CO.
 41001 GRAND RIVER AVE
 NOVI, MI 48375

Ship To: JOBSITE - EASTPOINTE
 22125 BEACONSFIELD AVE
 EASTPOINTE, MI 48021

Customer P.O.#: WC22-01-p-05
 Terms: 1/2% 10 N30
 Salesperson 1: Samantha Buckley
 Contract: PO WC22-01-PO-05/JOB WC22-01

F.O.B.: Delivered
 Salesperson 2: Mackenzie Woodworth

Invoice Date: 7/5/22
 Sales Order No: 443397
 Ship Date: 7/5/22
 Ship Via: Our Truck

Ordered Qty	Qty Shipped	Description	Length	Weight	Price	UM	Extension
----- BOL No: 385486 -----							
1	1	12" WF BEAM 96# A992 TRANSFER FROM CLEVE 4-11 T# 162012 "PRICE IN EFFECT AT TIME OF SHIPMENT"	30' 0"	2,880.00	\$80.90	C	\$2,329.92
3	3	24" WF BEAM 176# A992 2 pieces avail on mill floor 3/20 next rolling A2-B2 & C2 "PRICE IN EFFECT AT TIME OF SHIPMENT"	45' 0"	23,760.00	\$86.90	C	\$20,647.44
2	2	24" WF BEAM 176# A992 on mill floor D2 "PRICE IN EFFECT AT TIME OF SHIPMENT"	40' 0"	14,080.00	\$86.90	C	\$12,235.52
1		12" WF BEAM 120# A992 cut form 60' nom cut G2 "PRICE IN EFFECT AT TIME OF SHIPMENT"	30' 0"	0.00	\$94.90	C	



Remit to address:
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 Phone: 734-464-4000 Opt. 3

Printed on: July 21, 2022
 2:51:10PM
 Page 2 of 3

Invoice No: 1449005

Bill To: WEISS CONSTRUCTION CO.
 41001 GRAND RIVER AVE
 NOVI, MI 48375

Ship To: JOBSITE - EASTPOINTE
 22125 BEACONSFIELD AVE
 EASTPOINTE, MI 48021

Customer P.O.#: WC22-01-p-05
 Terms: 1/2% 10 N30
 Salesperson 1: Samantha Buckley
 Contract: PO WC22-01-PO-05/JOB WC22-01

F.O.B.: Delivered
 Salesperson 2: Mackenzie Woodworth

Invoice Date: 7/5/22
 Sales Order No: 443397
 Ship Date: 7/5/22
 Ship Via: Our Truck

Ordered Qty	Qty Shipped	Description	Length	Weight	Price	UM	Extension
----- BOL No: 385486 -----							
1	1	12" WF BEAM 120# A992 41' on our floor 4/17 next rolling H2-I2 "PRICE IN EFFECT AT TIME OF SHIPMENT"	41' 0"	4,920.00	\$80.90	C	\$3,980.28
1	1	24" WF BEAM 279# A992 subject to mill avail**** A3-B3-C3 "PRICE IN EFFECT AT TIME OF SHIPMENT"	45' 0"	12,555.00	\$99.00	C	\$12,429.45
1	1	12" WF BEAM 210# A992 4/17 next rolling G3 "PRICE IN EFFECT AT TIME OF SHIPMENT"	30' 0"	6,300.00	\$81.90	C	\$5,159.70



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 2:51:10PM
 Page 3 of 3

Invoice No: 1449005

Bill To: WEISS CONSTRUCTION CO.
 41001 GRAND RIVER AVE
 NOVI, MI 48375

Ship To: JOBSITE - EASTPOINTE
 22125 BEACONSFIELD AVE
 EASTPOINTE, MI 48021

Customer P.O.#: WC22-01-p-05
 Terms: 1/2% 10 N30
 Salesperson 1: Samantha Buckley
 Contract: PO WC22-01-PO-05/JOB WC22-01

F.O.B.: Delivered
 Salesperson 2: Mackenzie Woodworth

Invoice Date: 7/5/22
 Sales Order No: 443397
 Ship Date: 7/5/22
 Ship Via: Our Truck

Ordered Qty	Qty Shipped	Description	Length	Weight	Price	UM	Extension
10	9						
				Totals			64,495.00

Messages:

shipping to eastpointe

-mw

Subtotal Taxable \$56,782.31

Michigan Tax \$3,406.95

Total \$60,189.26

**\$283.91 may be deducted
 if paid before 7/15/2022**

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 2:51:37PM
 Page 1 of 3

Invoice No: 1449377

Bill To: WEISS CONSTRUCTION CO.
 41001 GRAND RIVER AVE
 NOVI, MI 48375

Ship To: JOBSITE - EASTPOINTE
 22125 BEACONSFIELD AVE
 EASTPOINTE, MI 48021

Customer P.O.#: WC22-01-p-05
 Terms: 1/2% 10 N30
 Salesperson 1: Samantha Buckley
 Contract: PO WC22-01-PO-05/JOB WC22-01

F.O.B.: Delivered
 Salesperson 2: Mackenzie Woodworth

Invoice Date: 7/6/22
 Sales Order No: 443400
 Ship Date: 7/6/22
 Ship Via: Our Truck

Ordered Qty	Qty Shipped	Description	Length	Weight	Price	UM	Extension
----- BOL No: 385725 -----							
1	1	12" WF BEAM 96# A992 3/29 next rolling J1-K1 "PRICE IN EFFECT AT TIME OF SHIPMENT"	55' 0"	5,280.00	\$80.90	C	\$4,271.52
1	1	12" WF BEAM 96# A992 on our floor L1-M1-N1 "PRICE IN EFFECT AT TIME OF SHIPMENT"	60' 0"	5,760.00	\$80.90	C	\$4,659.84
1	1	24" WF BEAM 176# A992 on mill floor E2 "PRICE IN EFFECT AT TIME OF SHIPMENT"	55' 0"	9,680.00	\$86.90	C	\$8,411.92
1	1	12" WF BEAM 120# A992 on mill floor 3/29 next rolling J2-K2 "PRICE IN EFFECT AT TIME OF SHIPMENT"	55' 0"	6,600.00	\$80.90	C	\$5,339.40



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 Phone: 734-464-4000 Opt. 3

Printed on: July 21, 2022
 2:51:37PM
 Page 2 of 3

Invoice No: 1449377

Bill To: WEISS CONSTRUCTION CO.
 41001 GRAND RIVER AVE
 NOVI, MI 48375

Ship To: JOBSITE - EASTPOINTE
 22125 BEACONSFIELD AVE
 EASTPOINTE, MI 48021

Customer P.O.#: WC22-01-p-05
 Terms: 1/2% 10 N30
 Salesperson 1: Samantha Buckley
 Contract: PO WC22-01-PO-05/JOB WC22-01

F.O.B.: Delivered
 Salesperson 2: Mackenzie Woodworth

Invoice Date: 7/6/22
 Sales Order No: 443400
 Ship Date: 7/6/22
 Ship Via: Our Truck

Ordered Qty	Qty Shipped	Description	Length	Weight	Price	UM	Extension
----- BOL No: 385725 -----							
1	1	12" WF BEAM 120# A992 on our floor L2-M2-N2	60' 0"	7,200.00	\$80.90	C	\$5,824.80
"PRICE IN EFFECT AT TIME OF SHIPMENT"							
1	1	24" WF BEAM 279# A992 subject to mill avail**** A3-B3-C3	45' 0"	12,555.00	\$99.00	C	\$12,429.45
"PRICE IN EFFECT AT TIME OF SHIPMENT"							
1	1	24" WF BEAM 279# A992 TRANSFER IN FROM HAM 3-28 T# 161779 E3	55' 0"	15,345.00	\$99.00	C	\$15,191.55
"PRICE IN EFFECT AT TIME OF SHIPMENT"							



Remit to address:
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Printed on: July 21, 2022
 2:51:37PM
 Page 3 of 3

Invoice No: 1449377

Bill To: WEISS CONSTRUCTION CO.
 41001 GRAND RIVER AVE
 NOVI, MI 48375

Ship To: JOBSITE - EASTPOINTE
 22125 BEACONSFIELD AVE
 EASTPOINTE, MI 48021

Customer P.O.#: WC22-01-p-05
 Terms: 1/2% 10 N30
 Salesperson 1: Samantha Buckley
 Contract: PO WC22-01-PO-05/JOB WC22-01

F.O.B.: Delivered
 Salesperson 2: Mackenzie Woodworth

Invoice Date: 7/6/22
 Sales Order No: 443400
 Ship Date: 7/6/22
 Ship Via: Our Truck

Ordered Qty	Qty Shipped	Description	Length	Weight	Price	UM	Extension
7	7						
				Totals	62,420.00		

Messages:

shipping to eastpointe

-mw

Subtotal Taxable \$56,128.48

Michigan Tax \$3,367.71

Total \$59,496.19

\$280.64 may be deducted
 if paid before 7/16/2022

All documents other than payments can be sent to: AR@contractorssteel.com
 3.5% will be added to all invoices paid via credit card



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	7/26/22
4. SET ID		5. POST DATE
VP220726KB		

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
Weiss Construction	V081320	01	WC22-04-005	7/27/2022	\$ 44,970.00

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	8210017M	80126	CC0034	80126	WO21018	8 1/2 Mile	9 Mile Pump Station Pre-Const.	\$ 44,970.00	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 44,970.00 REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

<p>25. Finance Officer: <u>BM/kk</u></p> <p>26. Chief Deputy: _____</p> <p>27. Engineers: _____</p> <p>28. Managers: _____</p> <p>29. Coordinator: _____</p>	<p>30. Drain: <u>8 1/2 Mile Relief</u></p> <p>31. Project Balance: <u>\$125,549.84</u></p> <p>32. Staff Date: <u>8/2/2022</u></p> <p>33. Board Date: <u>8/8/2022</u></p> <p>34. Select For Pay Date: _____</p>
--	--

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

WORK ORDER NUMBER	WO21018
PROJECT NUMBER	WWS-2022-002
PROJECT NAME	9 Mile Pump Station - CMaR Pre-construction Services
DRAINAGE DISTRICT	8-1/2 Mile Relief Drain Drainage District
CONSULTANT NAME	Weiss Construction Co, LLC
INVOICE DATE	7/27/2022
INVOICE START DATE	6/28/2022
INVOICE END DATE	7/26/2022
ORIGINAL CONTRACT AMOUNT	\$ 360,000.00
CHANGE ORDER TOTAL	\$ -
Change Order No. 1	Date Executed:
Change Order No. 2	Date Executed:
Change Order No. 3	Date Executed:
Change Order No. 4	Date Executed:
TOTAL REVISED CONTRACT AMOUNT	\$ 360,000.00
(includes all approved change orders only)	
TOTAL AMOUNT PREVIOUSLY INVOICED	\$ 189,480.16
TOTAL AMOUNT DUE THIS INVOICE	\$ 44,970.00
TOTAL BUDGET REMAINING	\$ 125,549.84
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)	

Task 1A - Design Coordination Services

Rate Labor				
<u>Class / Employee</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Manager				
Charles Groover, Weiss	7/15/2022	1.00	\$115.0000	115.00
	Reminder email on invoice #5			
	7/21/2022	4.00	\$115.0000	460.00
	Preparing Invoice #5			
	7/25/2022	3.00	\$115.0000	345.00
	Preparing Invoice #5			
	7/26/2022	1.00	\$115.0000	115.00
	Check and send Invoice #5			
Total Project Manager				1,035.00
Total Bill Task 1A - Design Coordination Services				1,035.00

Task 1B - GMP Development & Negotiation

Rate Labor				
<u>Class / Employee</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Executive				
Kevin Markhardt, Weiss	7/15/2022	1.00	\$205.0000	205.00
	GMP Devel / Neg			
	7/18/2022	1.00	\$205.0000	205.00
	GMP Devel / Neg			
	7/20/2022	1.00	\$205.0000	205.00
	GMP Devel / Neg			
	7/21/2022	1.00	\$205.0000	205.00
	GMP Devel / Neg			
	7/25/2022	1.00	\$205.0000	205.00
	GMP Devel / Neg			
Total Project Executive				1,025.00
Lead Estimator				
Joe Mulville, Weiss	6/28/2022	3.00	\$160.0000	480.00
	GMP			
	6/29/2022	1.00	\$160.0000	160.00
	GMP			
	7/6/2022	8.00	\$160.0000	1,280.00
	GMP			
	7/7/2022	8.00	\$160.0000	1,280.00
	GMP			
	7/8/2022	8.00	\$160.0000	1,280.00
	GMP			
	7/11/2022	8.00	\$160.0000	1,280.00
	GMP			
	7/12/2022	8.00	\$160.0000	1,280.00
	GMP			
	7/13/2022	8.00	\$160.0000	1,280.00
	GMP			
	7/14/2022	8.00	\$160.0000	1,280.00
	GMP			
	7/15/2022	8.00	\$160.0000	1,280.00

	GMP				
		7/18/2022	8.00	\$160.0000	1,280.00
	GMP				
		7/19/2022	8.00	\$160.0000	1,280.00
	GMP				
		7/20/2022	8.00	\$160.0000	1,280.00
	GMP				
		7/21/2022	8.00	\$160.0000	1,280.00
	GMP				
		7/22/2022	8.00	\$160.0000	1,280.00
	GMP				
		7/25/2022	2.00	\$160.0000	320.00
	GMP				
	Total Lead Estimator				17,600.00
Estimator					
Jason Axelson, Weiss					
		6/28/2022	5.00	\$95.0000	475.00
	Produce GMP				
		6/29/2022	4.00	\$95.0000	380.00
	Produce GMP				
		6/30/2022	8.00	\$95.0000	760.00
	Produce GMP				
		7/1/2022	6.00	\$95.0000	570.00
	Produce GMP				
		7/5/2022	8.00	\$95.0000	760.00
	Produce GMP				
		7/6/2022	4.00	\$95.0000	380.00
	Produce GMP				
		7/7/2022	1.00	\$95.0000	95.00
	Produce GMP				
		7/11/2022	8.00	\$95.0000	760.00
	Produce GMP				
		7/12/2022	8.00	\$95.0000	760.00
	Produce GMP				
		7/13/2022	8.00	\$95.0000	760.00
	Produce GMP				
		7/14/2022	6.00	\$95.0000	570.00
	Produce GMP				
		7/15/2022	8.00	\$95.0000	760.00
	Produce GMP				
		7/18/2022	8.00	\$95.0000	760.00
	Produce GMP				
		7/20/2022	7.00	\$95.0000	665.00
	Produce GMP				
		7/21/2022	4.00	\$95.0000	380.00
	Produce GMP				
Don Sutton, Weiss					
		6/28/2022	4.00	\$105.0000	420.00
	Start in-house estimates				
		7/7/2022	4.00	\$105.0000	420.00
	In-house estimate - Architectural				
		7/11/2022	4.00	\$105.0000	420.00
	In-house estimate				
		7/20/2022	8.00	\$105.0000	840.00
	Vender/Sub Reviews & Analysis				
	Total Estimator				10,935.00

Project Manager

Charles Groover, Weiss	6/28/2022	8.00	\$115.0000	920.00
Submitted June Invoice				
	6/29/2022	8.00	\$115.0000	920.00
GMP Progress Meeting. Developed and sent out questions for TPM Manager quotes. Started Invoice #4				
	6/30/2022	8.00	\$115.0000	920.00
Interviewed Testing Performance Managers. Issued Addendum #6 and notified bidders.				
	7/1/2022	8.00	\$115.0000	920.00
Met with Rohrschreib onsite. Requested final PTM quotes. Started take offs for concrete & paving				
	7/5/2022	8.00	\$115.0000	920.00
Called bidders, concrete takeoff				
	7/6/2022	8.00	\$115.0000	920.00
Called bidders, concrete takeoff				
	7/7/2022	8.00	\$115.0000	920.00
Concrete paving takeoff, called bidders				
	7/11/2022	8.00	\$115.0000	920.00
Met Bilco on site. Called bidders, concrete paving takeoff				
	7/12/2022	8.00	\$115.0000	920.00
Called bidders, got estimates for davit crane and rooftop guardrail system				
	7/13/2022	8.00	\$115.0000	920.00
Reviewed scope letters, developing draft bid reports, take off on stucco, Estimate Coord Meeting				
	7/14/2022	8.00	\$115.0000	920.00
Reviewed scope letters, developing draft bid reports				
	7/15/2022	8.00	\$115.0000	920.00
Reviewed bids, developing draft bid reports				
	7/18/2022	8.00	\$115.0000	920.00
Reviewing bids, contacting bidders, developing bid reports				
	7/19/2022	8.00	\$115.0000	920.00
Reviewing bids, contacting bidders, developing bid reports				
	7/20/2022	8.00	\$115.0000	920.00
Reviewing bids, contacting bidders, developing bid reports				
	7/21/2022	4.00	\$115.0000	460.00
Reviewing bids, contacting bidders, developing bid reports				
	7/25/2022	1.00	\$115.0000	115.00
Followup with bidders and Consumer's Energy				

Total Project Manager 14,375.00

Total Bill Task 1B - GMP Development and Negotiation 43,935.00

Total Project: WWS-2022-002 - Macomb Co 9 Mile Pump Station CMAr Pre-Construction Services 44,970.00



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Kellie Kource	95337	8/1/22
4. SET ID		5. POST DATE
VP220801 KA		

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
Weiss Construction	V081320	01	WC22-04-006	7/28/2022	\$ 4,280.00

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	8210017M	80126	CC0034	80126	WO21018	8 1/2 Mile	9 Mile Pump Station Pre-Const.	\$ 4,280.00	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 4,280.00

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: <u>BM/kk</u> 26. Chief Deputy: _____ 27. Engineers: _____ 28. Managers: _____ 29. Coordinator: _____	30. Drain: <u>8 1/2 Mile Relief</u> 31. Project Balance: <u>\$121,269.84</u> 32. Staff Date: <u>8/2/2022</u> 33. Board Date: <u>8/8/2022</u> 34. Select For Pay Date: _____
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**MACOMB COUNTY PUBLIC WORKS OFFICE
CONSULTANT INVOICE COVER SHEET**

WORK ORDER NUMBER	WO21018
PROJECT NUMBER	WWS-2022-002
PROJECT NAME	9 Mile Pump Station - CMar Pre-construction Services
DRAINAGE DISTRICT	8-1/2 Mile Relief Drain Drainage District
CONSULTANT NAME	Weiss Construction Co, LLC
INVOICE DATE	7/28/2022
INVOICE START DATE	7/26/2022
INVOICE END DATE	7/28/2022
ORIGINAL CONTRACT AMOUNT	\$ 360,000.00
CHANGE ORDER TOTAL	\$ -
Change Order No. 1	Date Executed:
Change Order No. 2	Date Executed:
Change Order No. 3	Date Executed:
Change Order No. 4	Date Executed:
TOTAL REVISED CONTRACT AMOUNT	\$ 360,000.00
(includes all approved change orders only)	
TOTAL AMOUNT PREVIOUSLY INVOICED	\$ 234,450.16
TOTAL AMOUNT DUE THIS INVOICE	\$ 4,280.00
TOTAL BUDGET REMAINING	\$ 121,269.84
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)	

Task 1A - Design Coordination Services

Rate Labor

<u>Class / Employee</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Manager				
Charles Groover, Weiss	7/28/2022	2.00	\$115.0000	230.00
	Prepare, check & submit final invoice			
Total Project Manager				230.00
Total Bill Task 1A - Design Coordination Services				230.00

Task 1B - GMP Development & Negotiation

Rate Labor

<u>Class / Employee</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Lead Estimator				
Joe Mulville, Weiss	7/26/2022	2.00	\$160.0000	320.00
	CMAR Mtg - Project Cancellation, field calls from bidders			
	7/27/2022	2.00	\$160.0000	320.00
	Field calls from bidders			
	7/6/2022	2.00	\$160.0000	320.00
	Field calls from bidders			
Total Lead Estimator				960.00
Estimator				
Jason Axelson, Weiss	7/26/2022	2.00	\$95.0000	190.00
	CMAR Mtg - Project Cancellation, field calls from bidders			
	7/27/2022	2.00	\$95.0000	190.00
	Field calls from bidders			
	7/28/2022	2.00	\$95.0000	190.00
	Field calls from bidders			
Don Sutton, Weiss	7/26/2022	1.00	\$105.0000	105.00
	CMAR Mtg - Project Cancellation			
Total Estimator				675.00
Project Manager				
Charles Groover, Weiss	7/26/2022	7.00	\$115.0000	805.00
	CMAR Mtg, Notify bidders of project cancellation, Field calls from bidders			
	7/27/2022	8.00	\$115.0000	920.00
	Close out of project, clean up and disposal of files, Field calls from bidders			
	7/28/2022	6.00	\$115.0000	690.00
	Close out of project, clean up and disposal of files, Field calls from bidders			
Total Project Manager				2,415.00
Total Bill Task 1B - GMP Development and Negotiation				4,050.00

Total Project: WWS-2022-002 - Macomb Co 9 Mile Pump Station CMaR Pre-Construction Services 4,280.00

Budget to Actual
8.5 Mile Relief
As of July 31, 2022 = 83%

DESCRIPTION	2022 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
Interest Earned	30,000		10,647	19,353	35.5%
Other Revenue	4,000		3,447	553	86.2%
8.5 O&M/Charge Required Revenue	4,748,520		4,748,520	-	100.0%
PY Revenue-Fund Balance	3,840,000			3,840,000	0.0%
Use of SCADA Reserve	147,950		-	147,950	0.0%
<i>Total Revenue Accounts</i>	8,770,470	-	4,762,614	4,007,856	54.3%
EXPENSE ACCOUNTS					
Application/Permit Fee	6,000		6,000	-	100.0%
Dues, Training, Conf, Subs.	10,380		7,276	3,104	70.1%
Engineering					
As needed Engineering	75,000		16,893	58,107	22.5%
9 Mile PS-const Admin/Const Mgr at risk	2,537,390		427,385	2,110,005	16.8%
Cost Share Army corp Grant-Green Infrastructure Project	162,500			162,500	0.0%
9 Mile Pump Station Design-Use of Capital Reserve	147,950			147,950	0.0%
9 Mile Pump Station Design-Was Flushing	797,090		504,337	292,753	63.3%
9 Mile Bypass Structural Repairs-Construction/CA	730,590		524,358	206,232	71.8%
Chapaton Improvements-Lab Relocation ⁽¹⁾	-		21,254	(21,254)	100.0%
Canal Rehab(Using funds received from EGLE)	-		74,334	(74,334)	100.0%
Pumping and screening improvements ⁽²⁾	-		80,256	(80,256)	100.0%
In-System Storage-Construction & Const Admin ⁽³⁾	2,250,000		389,766	1,860,234	17.3%
New Equipment	28,590		25,571	3,019	89.4%
Office Supplies	500		379	121	75.8%
Operating Supplies	65,400		40,402	24,998	61.8%
Other Professional Svcs	36,000		14,527	21,473	40.4%
Personnel Services	1,032,200		551,781	480,419	53.5%
Repair & Maintenance	197,000		159,031	37,969	80.7%
Contribution to Reserve	288,240		288,240	-	100.0%
Scada System	138,040		25,787	112,253	18.7%
Utilities	267,600		227,190	40,410	84.9%
<i>Total Expense Accounts</i>	8,770,470	-	3,384,767	5,385,703	38.6%

	O&M Balance 9/30/2021	O&M	Total 7/31/2022
Cash - Operating	12,229,091	1,377,847	13,606,938
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		4,762,614	4,762,614
Expenditures		3,384,767	3,384,767
			0
Equity*	12,229,091		13,606,938

Detail of 2021 Equity*

In-System Storage Design/Const Admin/Const	2,242,472	Capital Reserve	1,199,905
9 Mile Pump Station Design	1,130,932	SCADA Reserve	129,870
9 Mile Bypass Struct Rprs-Const/CA	635,989	LSCWWI 04B Transfer	738,112
Disinfection system upgrade (Design and Construction)	14,255	Contribution from Macomb Cty	2,000,000
Chapaton Improvements-Lab/Office Space ⁽¹⁾	237,749	In System Contrib from SEMSD	1,000,000
As-Needed Engineering	61,595	MEDC Grant-Design ISS ⁽³⁾	373,355
Pave side road that goes to the basin deck	15,000	SRF Replacement Reserve	2,332,930
Chlorine storage tank #3 relining	7,500		
Firewall Hardware Design/Config	12,900		
Obsolete Wireless backhaul replacement links	16,120		
Fiber Optic Improvements	16,130		
SolarWinds - Network Management Software	9,670		
Pumping and screening improvements ⁽²⁾	54,608		