

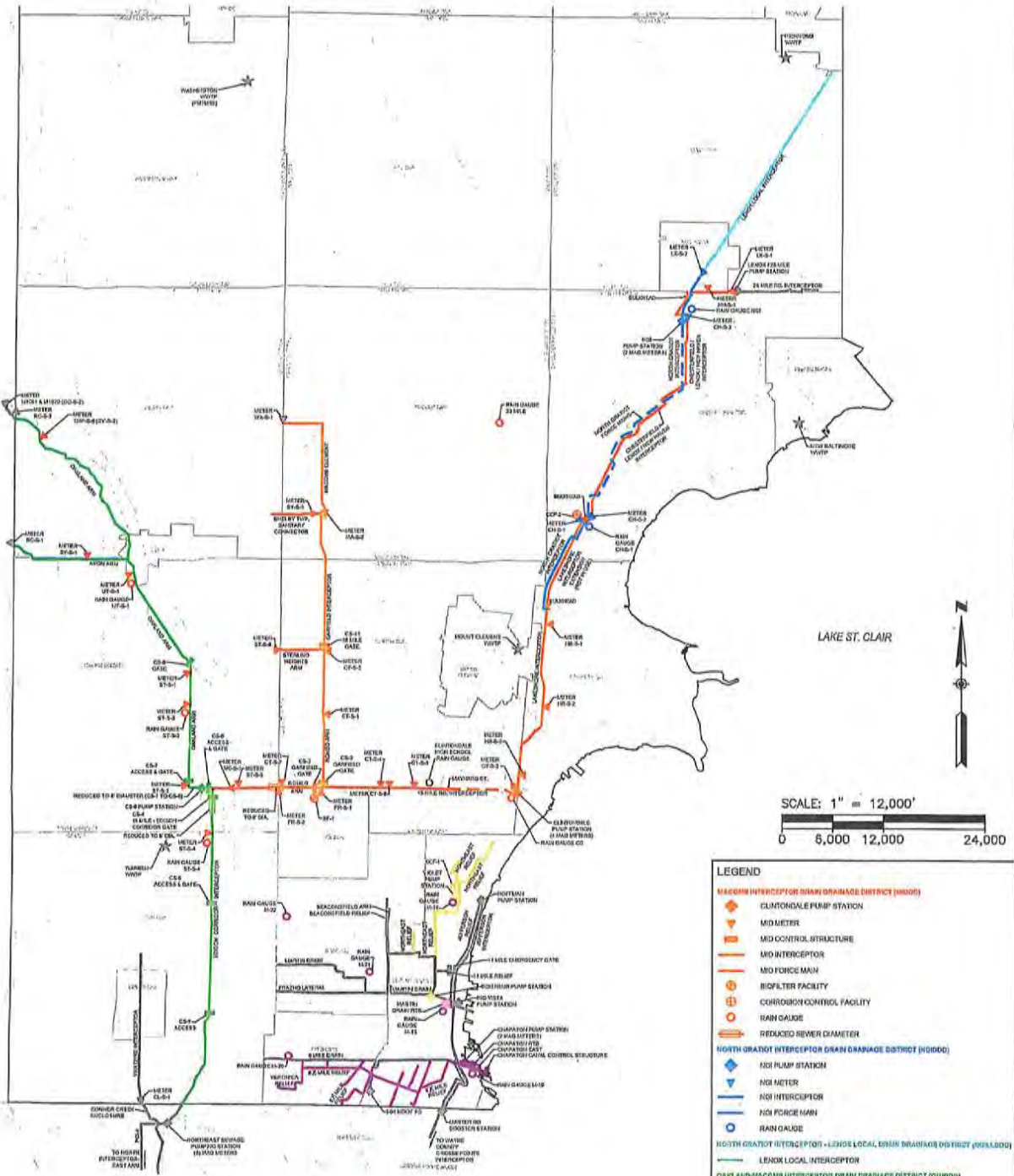
EIGHT AND ONE-HALF MILE RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
FEBRUARY 8, 2021
10:00 A.M.
AGENDA

NOTE: THIS MEETING WILL BE HELD BY TELECONFERENCE

Call in Number: 1-520-800-2214
Access Code: 638 167 355

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for February 8, 2021	
3. Approval of Minutes for January 11, 2021	3
4. Public Participation	
5. Project Updates - Vince Astorino	
6. Consideration for approval of invoices (see attached)	6
7. Financial Report – Bruce Manning	101
8. Adjourn	

MACOMB COUNTY WASTEWATER SYSTEMS



SCALE: 1" = 12,000'
0 6,000 12,000 24,000

- LEGEND**
- MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (MDOOD)**
 - CLINTONDALE PUMP STATION
 - MID METER
 - MID CONTROL STRUCTURE
 - MID INTERCEPTOR
 - MID FORCE MAIN
 - BIOFILTER FACILITY
 - CORROSION CONTROL FACILITY
 - RAIN GAUGE
 - REDUCED SEWER DIAMETER
 - NORTH GRAND INTERCEPTOR DRAIN DRAINAGE DISTRICT (NIGOOD)**
 - NIGI PUMP STATION
 - NIGI METER
 - NIGI INTERCEPTOR
 - NIGI FORCE MAIN
 - RAIN GAUGE
 - NORTH GRAND INTERCEPTOR - LEWIS LOCAL DRAIN DRAINAGE DISTRICT (NIGALOOD)**
 - LEWIS LOCAL INTERCEPTOR
 - OKLAHOMA-MACOMB INTERCEPTOR DRAIN DRAINAGE DISTRICT (OMOOD)**
 - CS6 PUMP STATION
 - OMO METER
 - OMO CONTROL STRUCTURE
 - OMO INTERCEPTOR
 - REDUCED SEWER DIAMETER
 - 1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT**
 - CHAPATON WEST PUMP STATION
 - CHAPATON RETENTION TREATMENT BASIN
 - CHAPATON CANAL CONTROL GATE
 - 1/2 MILE INTERCEPTOR
 - RAIN GAUGE
 - 1/2 MILE RELIEF DRAIN DRAINAGE DISTRICT (MDOOD)**
 - SEWCVOS PUMP STATION
 - CORROSION CONTROL FACILITY
 - SEWCVOS INTERCEPTOR
 - MARTIN DRAINAGE DISTRICT (MDOOD)**
 - MARTIN DRAIN RETENTION TREATMENT BASIN
 - OTHER SYSTEMS**
 - PUMP STATION
 - METER
 - WWTP
 - INTERCEPTOR

Candice S. Miller
MACOMB COUNTY PUBLIC WORKS COMMISSIONER



An adjourned meeting of the Intra-County Drainage Board for the **EIGHT AND ONE-HALF MILE RELIEF DRAIN** was held via telephone conference per the State Public Act 228 of 2020 due to the COVID-19 pandemic, on January 11, 2021, at 10:04 A.M.

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

Veronica Klinefelt, Member
Location: Eastpointe, MI

Bryan Santo, Member
Location: Mt. Clemens, MI

ALSO PRESENT: Harold Haugh, Don VanSyckel, Macomb County Board of Commissioners; Brian Baker, Chief Deputy, Karen Czernel, Deputy, Stephen Downing, Construction & Maintenance Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Engineer, Vince Astorino, Operations & Flow Manager, Kellie Kource, Drain Account Specialist, Emily Engelmann, Administrative Assistant, Macomb County Public Works; Sydney Hilgendorf, Sterling Heights; John Caron, St. Clair Shores

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

Adopted: YEAS: 3
NAYS: 0

Minutes of the meeting of December 14, 2020 were presented. A motion was made by Ms. Klinefelt, supported by Mr. Santo to approve the minutes as presented.

Adopted: YEAS: 3
NAYS: 0

The meeting was opened to public participation, and St. Clair Shores City Councilman John Caron introduced himself to the board.

Mr. Astorino updated the board that the pump and screen project is nearing the end and will be closed out soon. The disinfection project will mobilize in the next few days. The structural rehab of the Chapaton basin is in design and will have design drawings within the next month or two and will get that project out to bid.

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

Adopted: YEAS: 3
NAYS: 0

Mr. Baker updated the board that the In-System Storage project will achieve a 7 million gallon reduction in CSO's. We will get another 3 million gallons from the wet well pump and screen work. Overall that will net a 35% percent reduction in CSO's. Two locations are planned to insert the inflatable dams to stop the flow of wastewater when we have to release to the lake. The cost we estimate at \$17 million, with \$8 million that has already been raised. We will need to borrow \$9 million

and will use a low interest State revolving fund loan at 1.875%. We are in design phase currently, and will bid out construction in October with construction starting in 2022. The improvements under the state drain code require a petition as part of the project. On January 19, 2021 the St. Clair Shores City Council will be considering a resolution to submit a petition to this board to request the project. We will also make a presentation to their council about Welsh Park, as one of the inflatable devices will be underground within the park. After we will make a presentation to the Board of Commissioners and the Eastpointe City Council. Once the petitions are received, we will begin the process of our board considering the project.

A motion was made by Mr. Santo, supported by Ms. Klinefelt to receive and file the In-System Storage project update by Mr. Baker.

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$414,474.47 to the board for review and approval.

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

Adopted: YEAS: 3
NAYS: 0

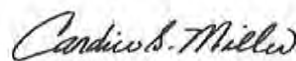
A motion to receive and file the financial report given by Mr. Manning was made by Mr. Santo and supported by Ms. Klinefelt.

Adopted: YEAS: 3
NAYS: 0

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

Adopted: YEAS: 3
NAYS: 0

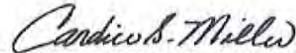
The meeting was adjourned at 10:19 a.m.



Candice S. Miller, Chair
Macomb County Public Works Commissioner

STATE OF MICHIGAN
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taking by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on January 11, 2021 the original of which is on file in the Public Works Commissioner's Office. Public notice of the meeting was given pursuant to Act No. 267, Public Acts of Michigan, 1975, including, in the case of a special or rescheduled meeting or a meeting secured for more than 36 hours, notice by posting at least 18 hours prior to the time set for the meeting.



Candice S. Miller, Chair
Macomb County Public Works Commissioner

DATED: 1/11/21

EIGHT AND ONE HALF MILE RELIEF DRAIN - 1/19/21 - 2/2/21

Funding Source	Apportionment	Manager	Vendor	Amount	Invoice Detail	Project Summary	Project Balance
\$ 1/2 Mile Relief	Chapter 20 State of MI - 16.04% County of Macomb - 2.25% Dept. of Roads - 2.25% Eastpointe - 54.33% St. Clair Shores - 25.13%	Astorino	Cintas Fire	\$ 2,656.04	Invoice #OD26592096 - 1.7.21	Annual Fire - Testing/Inspection	
		Astorino	City of Eastpointe	\$ 5,860.86	Invoice #2100067364 - 1.5.21	Plan Review Fee - In-System Storage	
		Astorino	Colville Electric Co., LLC	\$ 9,670.00	Invoice #200775 - 1.26.21	Pump Installation - Pump & Screen Project	
		Astorino	Colville Electric Co., LLC	\$ 796.50	Invoice #200776 - 1.26.21	SCADA Wiring - Pump & Screen Project	
		Astorino	Consumers Energy	\$ 930.94	Invoice #R4NH4-T3HQ0 - 1.11.21	Monthly Electric - 12.11.20 - 1.11.20	
		Astorino	Consumers Energy	\$ 688.77	Invoice #R4NH4-T3S21 - 1.11.21	Monthly Electric - 12.11.20 - 1.11.20	
		Astorino	County of Macomb	\$ 325,206.09	Invoice #AR200890 - 11.12.20	3rd Quarter Personnel and Operating Expenses	
		Astorino	Cross Construction Group	\$ 22,500.00	Invoice #WO19082 Est 2 - 1.27.21	Chapaton Lab Relocation & Mezzanine Renovation	
		Astorino	DTE Energy	\$ 557.49	Invoice #R4VXR-Y7TWP - 12.31.20	Monthly Electric - 12.1.20 - 12.31.20	\$ 622,788.80
		Astorino	Fishbeck	\$ 1,966.18	Invoice #398096 - 1.5.21	Chapaton Building Renovation	\$ 17,140.15
		Astorino	Fishbeck	\$ 3,348.98	Invoice #397582 - 12.29.20	Basin Structural RFP	\$ 95,942.43
		Astorino	JF Cavanaugh	\$ 12,414.61	Invoice #WO18350 Est 5 - 11.24.20	Pump & Screen Improvements	\$ 111,829.36
		Astorino	JF Cavanaugh	\$ 30,576.09	Invoice #WO18350 Est 6 - 1.19.21	Pump & Screen Improvements - 12.1.20 - 12.31.20	\$ 79,644.00
		Astorino	Kennedy Industries	\$ 3,615.00	Invoice #622862 - 12.29.20	Pump Start Up - Pump & Screen Project	
		Manning	Macomb County Treasurer	\$ 20,145.75	Invoice #19498-Benda - 12.31.20	2020 Ford Truck - Reimburse to Equipment Fund	
		Astorino	Motor City Electric Technologies	\$ 737.50	Invoice #93378 - 12.23.20	Air Handler Service	
		Astorino	Motor City Electric Technologies	\$ 525.00	Invoice #93376 - 12.23.20	PLC Unit Communications	
		Astorino	Teledyne Instruments, Inc.	\$ 1,460.00	Invoice #S020442345 - 1.14.21	Velocity Sensor for Flow Module	
		Astorino	Weiss Construction	\$ 17,645.40	Invoice #PAY EST #1 - 12.31.20	Disinfection Project through 12.31.20	\$ 955,113.17
		Astorino	Weiss Construction	\$ 23,625.00	Invoice #PAY EST #2	Chapaton RTB Disinfection - 1.1.21 - 1.31.21	\$ 932,509.07
Total				\$ 484,946.20			



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST
PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/15/21
4. SET ID VP210115MA		
5. POST DATE		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) Cintas Fire 636525	7. VENDOR NUMBER V00904	8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) 0D26592096
			10. Invoice Date 1/7/2021
			11. Invoice Amount \$ 3,470.55

CHILD RECORD DETAIL INFORMATION										
12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22 Sep CK
A	8200017M	93001	93001	WO18006	8-1/2 Mile Relief	Acct #00440, Srvc 7172066	\$ 2,656.04	GEN		
B	8200072M	93001			Martin	Acct #00440, Srvc 7172066	\$ 478.89	GEN		0
C	8703018M	93001		WO18218	SEMCWWDS (BH)	Acct #00440, Srvc 7172066	\$ 76.96	GEN		0
D	8703018M	93001		WO18219	SEMCWWDS (V)	Acct #00440, Srvc 7172066	\$ 122.93	GEN		0
E	8302006M	93001			Clinton River Spillway	Acct #00440, Srvc 7172066	\$ 135.73	GEN		0
F										
G										

23. Total: \$ **3,470.55**

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Annual inspections of fire extinguishers

25. Finance Officer:	BMI/mh	30. Drain:	Multiple
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	1/19/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	



Location : CINTAS FIRE PROTECTION

*** INVOICE CUSTOMER COPY ***

Invoice # : 0D26592096 Inv Date : 1/07/2021
 Customer : 440 Loc : D26
 Type : CHG-S Route : 05
 PO Number : Acct # : 00440
 WO Number : Acct Zip : 48080
 Service Visit : 7172066

Remit to:
 CINTAS FIRE 636525
 P.O. BOX 636525
 CINCINNATI, OH 452636525
 (248)817-3800

Bill to:
 MACOMB COUNTY / CHAPATON
 23001 E 9 MILE RD
 MACOMB COUNTY PUBLIC WORK
 SAINT CLAIR SHORES, MI 48080

Serviced:
 MACOMB COUNTY / CHAPATON
 23001 E 9 MILE RD
 MACOMB COUNTY PUBLIC WORK
 SAINT CLAIR SHORES, MI 48080

Item	Qty	Description	Unit Price	Net Amount	Tx
B22603	2	EXTINGUISHER, 10# ABC, ALUMINUM VALVE	175.00	350.00	Y
CONT	27	CONTINUITY TEST, CO2 HOSE	6.50	175.50	N
DC10	14	RECHARGE, 10# DRY CHEMICAL	38.00	532.00	N
DC20	5	RECHARGE, 20# DRY CHEMICAL	59.38	296.90	N
DC5	1	RECHARGE, 5# DRY CHEMICAL	24.94	24.94	N
EEOR	21	O RING ASSEMBLY	6.18	129.78	Y
ESEAL	65	FLAG SEAL/TAMPER INDICATOR	.85	55.25	Y
EEVSC	21	VERIFICATION SVC COLLAR	3.63	76.23	Y
EEVSTEM	21	VALVE STEM ASSEMBLY	16.63	349.23	Y
H2O2	1	RECHARGE, H2O 2.5 GAL	29.69	29.69	N
HST	21	HYDROTEST	26.13	548.73	N
IN	65	FIRE EXTINGUISHER INSPECTION, FLAT RAT	7.73	502.45	N

8 1/2 \$ 2656.44
 Martin \$ 478.89
 B.H \$ 76.96
 Violet \$ 122.93
 CRS \$ 135.73



Location : CINTAS FIRE PROTECTION

*** INVOICE CUSTOMER COPY ***

Invoice # : 0D26592096 Inv Date : 1/07/2021
Customer : 440 Loc : D26
Type : CHG-S Route : 05
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CINTAS FIRE 636525
P.O. BOX 636525
CINCINNATI, OH 452636525
(248)817-3800

Bill to:
MACOMB COUNTY / CHAPATON
23001 E 9 MILE RD
MACOMB COUNTY PUBLIC WORK
SAINT CLAIR SHORES, MI 48080

Serviced:
MACOMB COUNTY / CHAPATON
23001 E 9 MILE RD
MACOMB COUNTY PUBLIC WORK
SAINT CLAIR SHORES, MI 48080

Table with 5 columns: Item, Qty, Description, Unit Price, Net Amount Tx. Rows include INEL, INEXA, DEFEB, DEFEL, SC, and summary rows for SUB-TOTAL, TAX, and TOTAL.

PLEASE REMIT PAYMENT FROM THIS INVOICE. WE ACCEPT CREDIT CARDS AND CHECK BY PHONE, IF YOU HAVE A QUESTION REGARDING BILLING PLEASE CONTACT 248-817-3800, IF YOU WOULD LIKE TO MAKE A PAYMENT PLEASE CONTACT KRISTINE AT 570-891-0419.

143	350	6.5	38	59.38	
494	26	1.7	6.18	6.18	
237.52	6.8	15.46	1.7	0.85	
24.94	61.84	38.1	3.63	3.63	
117.42	19.05	15.2	16.63	16.63	
44.2	15.2		26.13	7.73	
68.97			15.46	15.2	
315.97			15.2	26.13	
29.69					
496.47					
401.96					
190.5					
76.2					
15.2					
2656.04	478.89	76.96	122.93	135.73	3470.55

Chapaton Martin Bon Heur Violet Spillway Total



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/9/21
4. SET ID VP210112MA		
5. POST DATE		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) City of Eastpointe	7. VENDOR NUMBER V00919	8. ADDR CODE BA	9. Invoice No (MAX = 16 CHARACTERS) 2100067364
		10. Invoice Date 1/5/2021	11. Invoice Amount 5,860.86

CHILD RECORD DETAIL INFORMATION												
Line	General Ledger	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
A		8200017M	96901	CC0004	96901	WO19004	8 1/2 Mile Relief	Plan Review Fee	\$ 5,860.86	GEN		
B								ATTN: K. Pszonka				
C												
D												
E												
F												
G												

23. Total: \$ **5,860.86** REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Plan Review Fee

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	1/19/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	

W019004 - (8200017M)

CITY OF EASTPOINTE

23200 GRATIOT AVENUE
EASTPOINTE, MI 48021
(586) 445-3661

INVOICE

Customer ID: 02-00-00-000-158
Invoice Number: 2100067364
Service Date: 01/05/2021
Invoice Date: 01/05/2021
Due Date: 02/04/2021

Property Address:
21777 DUNHAM RD

MACOMB COUNTY PUBLIC WORKS
21777 DUNHAM RD
CLINTON TOWNSHIP MI 48036

Quantity	Description	Unit Price	Amount
1.00	PLAN REVIEW FEE	5,860.86	5,860.86

REMIT PAYMENT BY THE DUE DATE TO:

**CITY OF EASTPOINTE
FINANCE DEPARTMENT
23200 GRATIOT
EASTPOINTE, MI 48021**

Invoice Amount:	5,860.86
Adjustment:	0.00
Total Due:	5,860.86

**MAKE CHECKS PAYABLE TO:
TREASURER, CITY OF EASTPOINTE**

**WARNING: CHECK YOUR PROPERTY DESCRIPTION
CAREFULLY BEFORE PAYING YOUR BILL.**

**RETURN BILL WITH PAYMENT OR ADDITIONAL FEES MAY
APPLY.**

INVOICE

Customer ID: 02-00-00-000-158
Invoice Number: 2100067364
Service Date: 01/05/2021
Invoice Date: 01/05/2021
Due Date: 02/04/2021

Property Address:
21777 DUNHAM RD





ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/26/21
4. SET ID VP210127MA		5. POST DATE

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) Colville Electric Co., LLC	7. VENDOR NUMBER V50164	8. ADDR CODE 02	9. Invoice No (MAX = 16 CHARACTERS) 200775
		10. Invoice Date 1/26/2021	11. Invoice Amount \$ 9,670.00

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	8200017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief		Job #45121466; PW000125	\$ 3,260.00	GEN		
B	8200017M	93002	CC0004	93002	WO18006	8 1/2 Mile Relief		Job #45121466; PW000125	\$ 6,410.00	GEN		0
C												
D												
E												
F												
G												

23. Total: \$ **9,670.00**

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

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

Colville Electric Co., LLC

23418 Grand Ave
 Macomb, MI 48021
 (586) 774-8110
 (586) 774-0222 (fax)

Invoice

DATE	01/26/2021
INVOICE #	200775
TERMS	NET 30

BILL TO

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

SERVICE LOCATION

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

JOB#	DATE	PO	DESCRIPTION
45121466	12/15/2020	PW000125	Intermediate Pump 3 Completion Notes: Installed new soft starter.

Description	Qty	Rate	Total
Estimate Install and setup soft start in existing panel for Intermediate Pump 3 Includes hardware, overloads and necessary materials other than soft start(listed below) Rewire existing breaker and bypass contactor	1.00	\$3,260.00	\$3,260.00
Material Allen Bradley 201 Amp Soft Start Local Stock	1.00	\$6,410.00	\$6,410.00

SUB-TOTAL:	TIME & LABOR:	EXPENSES:	PMTS/DEPS:	TOTAL DUE:
\$9,670.00	\$0.00	\$0.00	\$0.00	\$9,670.00

CUSTOMER MESSAGE

Invoice Total:	\$9,670.00
Deposits (-):	\$0.00
Payments (-):	\$0.00
Total Due:	\$9,670.00



ONESolution
 ACCOUNTS PAYABLE CHECK REQUEST
PUBLIC WORKS DIVISION

Mark A. Hackel
 County Executive

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	1/26/21
4. SET ID	5. POST DATE	
VP210127MA		

PARENT RECORD INFORMATION		
6. VENDOR NAME (Check to be issued to)	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)
Colville Electric Co., LLC	02	200776
7. VENDOR NUMBER	10. Invoice Date	11. Invoice Amount
V50164	1/26/2021	\$ 796.50

CHILD RECORD DETAIL INFORMATION				19. Amount	20. DIV	21. MISC	22. Sep CK
General Ledger		14. Job Ledger	16. Work Order Number	18. Description (MAX = 30 CHARACTERS)			
12. Org Key	13. Object	14. Cost Center (CNT)	15. Object	17. Secondary Reference (MAX = 16 CHARACTERS)			
A	8200017M	93002	93002	8 1/2 Mile Relief	796.50	GEN	
B							
C							
D							
E							
F							
G							

23. Total: \$ 796.50

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

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

Colville Electric Co., LLC

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

Invoice

DATE	01/26/2021
INVOICE #	200776
TERMS	NET 30

BILL TO

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

SERVICE LOCATION

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

JOB#	DATE	PO	DESCRIPTION
202110029	01/18/2021		Install SCADA wiring for intermediate #4. Completion Notes: Verified that 8 spare wires in pump #3 cabinet were, in fact, spares. Removed conduit from pump #3 cabinet. Ran new conduit to pump #4 cabinet. Pulled wires into pump #4 cabinet

Description	Qty	Rate	Total
RMC 075 3/4" Rigid Conduit	20.00	\$2.25	\$45.00
HUB 075 3/4" Meyers Hub	1.00	\$6.50	\$6.50
3/4" EMT-RMC Combination Coupler	1.00	\$3.25	\$3.25
RMC UNI 075 3/4" RMC Unistrut Strap	10.00	\$1.26	\$12.60
7/8 Galvinize Slotted 7/8 Unistrut, Galvanized, Slotted	4.00	\$2.23	\$8.92
1-5/8 Stainless Unistrut 1-5/8" Stainless Unistrut	1.00	\$17.75	\$17.75
1/4"-20 Unistrut Nut	6.00	\$0.65	\$3.90
14 MTW Red 14 MTW Red	30.00	\$0.20	\$6.00

01/18/2021 - Ashley Ranilovich

Labor Time (4hr 31min) \$65.00/hr \$293.58

01/18/2021 - Jared Hayosh

Labor Time (4hr 26min) \$90.00/hr \$399.00

SUB-TOTAL: \$103.92	TIME & LABOR: \$692.58	EXPENSES: \$0.00	PMTS/DEPS: \$0.00	TOTAL DUE: \$796.50
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CUSTOMER MESSAGE

Deposits (-):	\$0.00
Payments (-):	\$0.00
Total Due:	\$796.50



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/17/21
4. SET ID FSB Bill Pay 2/4/21	5. POST DATE	

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be Issued to) CONSUMERS ENERGY	7. VENDOR NUMBER V01038	8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) R4NH4-T3HQ0
		10. Invoice Date 1/11/2021	11. Invoice Amount \$ 930.94

CHILD RECORD DETAIL INFORMATION										
Line	General Ledger		16. Work Order Number	OPTIONAL		19. Amount	20. DIV	21. MISC	22 Sep CK	
	12. Org Key	13. Object		14. Cost Center (CCNT)	15. Object					17. Secondary Reference (MAX = 16 CHARACTERS)
A	8200017M	92102	CC0004	92102	WO18006	8 1/2 Mile Relief	1000 0005 7313, 12/11-1/11	\$ 930.94	GEN	
B										
C										
D										
E										
F										
G										

23. Total: \$ **930.94** REV 06/2016

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: BM/tnh 30. Drain: 8 1/2 Mile Relief

26. Chief Deputy: N/A 31. Project Balance: N/A

27. Engineers: 1/19/2021 32. Staff Date: 1/19/2021

28. Managers: 2/8/2021 33. Board Date: 2/8/2021

29. Coordinator: 34. Select For Pay Date:



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

Amount Due: \$930.94
Please pay by: February 04, 2021

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

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

▶ **Thank You** - We received your last payment of \$615.39 on January 05, 2021

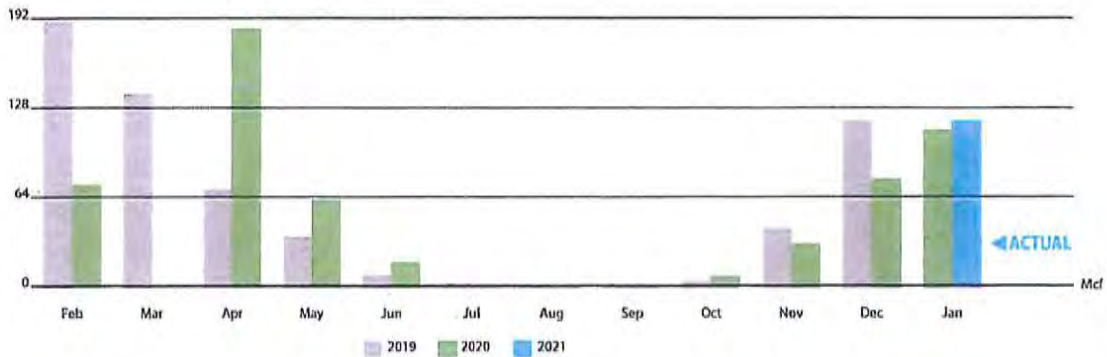
▶ **Service Address:**
 23001 E 9 MILE RD
 SAINT CLAIR SHORES MI
 48080-1576

R4NH4-T3HQ0

January Energy Bill

Service dates: December 11, 2020 - January 11, 2021 (32 days)

Total Natural Gas Use (Mcf - thousand cubic feet)



January Natural Gas Use
120.7 Mcf
 January 2020 use: 115 Mcf

Cost per day:
\$29.09

Mcf per day:
3.772

Prior 12 months of gas use:
591 Mcf

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

Your current price is \$3.79 per Mcf, which is determined by the supplier you have chosen and may include more than the gas commodity Consumers Energy's gas commodity price, regulated by the Michigan Public Service Commission, is \$2.17 per Mcf. This is listed under Natural Gas Charges on the back. **Questions?** Call your supplier at 800-296-2203 or call us at 800-477-5050.

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

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



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

Account: 1000 0005 7313

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

PAYMENT CENTER
 PO BOX 740309
 CINCINNATI OH 45274-0309

Amount Due: \$930.94
Please pay by: February 04, 2021
Enclosed:



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

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

Account Information

Bill Month: January
Service dates: 12/11/2020 - 01/11/2021
Days Billed: 32
Portion: 12 01/21

Rate Information

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

Meter Information

Your next scheduled meter read date is on or around 12/11/2021

Gas Service:

AMR Meter
Meter Number: 96482875
POD Number: 0000003537725
Beginning Read Date: 12-11
Ending Read Date: 01-11
Beginning Read: 2609
Ending Read: 3804 (Actual)
Differential: 1195
Constant: 0.1
Correction factor: 1.01028
Usage: 120.7 Mcf

Total Metered Energy Use: 120.7 Mcf

January Energy Bill

Invoice: 206790797686

Account Summary

Last Month's Account Balance	\$615.39
Payment on January 05, 2021	\$615.39-
Balance Forward	\$0.00

Payments applied after Jan 13, 2021 are not included.

Natural Gas Charges

Customer Charge		591.63
Gas Distribution	120.7@ 3.163700	\$381.86

Kraton Gas & Power (800/296-2203) Supplier Charge KR1	120.7@ 3.790000	\$457.45
--	-----------------	----------

Total Natural Gas		\$930.94
--------------------------	--	-----------------

Total Energy Charges		\$930.94
-----------------------------	--	-----------------

Amount Due: \$930.94
by February 04, 2021

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

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

NEWS AND INFORMATION

Please see the insert for details on the environmental characteristics of electricity delivered to customers.

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

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

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

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

Ways to pay your energy bill:



Auto-pay
Choosing or saving

Auto-pay
Discover® MasterCard®
or Visa®
(Billable by account)



eCheck
via ACH

Secure electronic payment with emailed remittance



Same-day payment
ConsumersEnergy.com

Discover® MasterCard®
Visa® or eCheck



Same-day payment
800-250-9533

Discover® MasterCard®
Visa® or eCheck



By mail
Check, money order

Consumers Energy
Payment Center
P.O. Box 240305
Grandville, MI 49524-0305



In person
Cash, check, card
or money order

Waiting for authorized payment locations
www.consumersenergy.com



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	1/17/21
4. SET ID		
5. POST DATE		
FSB Bill Pay 2/4/21		

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
CONSUMERS ENERGY	V01038	01	R4NH4-T3S21	1/11/2021
				11. Invoice Amount
				688.77

CHILD RECORD DETAIL INFORMATION						
General Ledger		Job Ledger		OPTIONAL		
12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)
A	8200017M	92102	92102	WO18006	8 1/2 MILE RELIEF	AC# 1000 0754 2523, 12/11-1/11
B						
C						
D						
E						
F						
G						
						19. Amount
						688.77
						20. DIV
						GEN
						21. MISC
						22. Sep CK

23. Total: \$ **688.77**

REV 09/2016

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	BIM/rmh	30. Drain:	8 1/2 MILE RELIEF
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	1/19/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	

Account: 1000 0754 2523



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

Amount Due: **\$688.77**
Please pay by: **February 04, 2021**

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

▶ **Thank You** - We received your last payment of \$468.80 on **January 05, 2021**

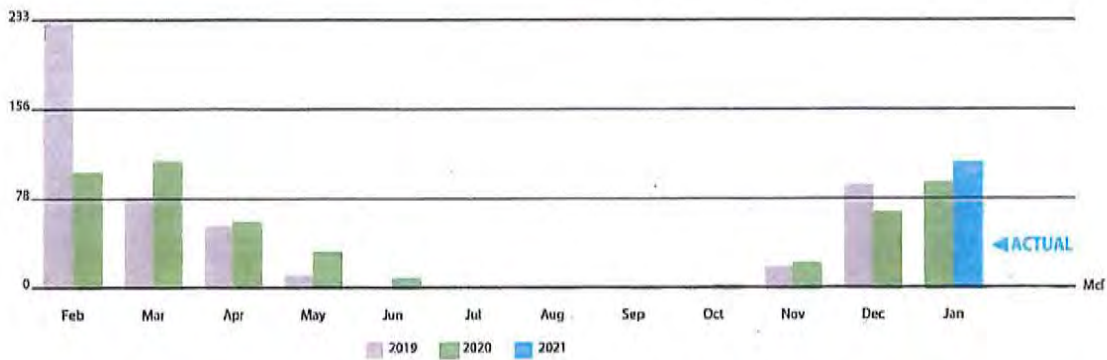
▶ **Service Address:**
23301 E 9 MILE RD
SAINT CLAIR SHORES MI
48080-0000

R4NH4-T3S21

January Energy Bill

Service dates: December 11, 2020 - January 11, 2021 (32 days)

Total Natural Gas Use (Mcf - thousand cubic feet)



January Natural Gas Use
111.9 Mcf
January 2020 used 94 Mcf

Cost per day:
\$21.52

Mcf per day:
3.497

Prior 12 months of gas use:
538 Mcf

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



Downed power lines.
Stay 25 feet away. Call from a safe location.



If you smell natural gas.
If the "rotten egg" odor of gas is apparent, call from a safe location.

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



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

Account: **1000 0754 2523**

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

PAYMENT CENTER
PO BOX 740309
CINCINNATI OH 45274-0309

Amount Due: **\$688.77**
Please pay by: **February 04, 2021**
Enclosed:



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

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

Account Information

Bill Month: January
Service dates: 12/11/2020 - 01/11/2021
Days Billed: 32
Portion: 12 01/21

Rate Information

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

Meter Information

Your next scheduled meter read
date is on or around 02/10/2021

Gas Service:

AMR Meter
Meter Number: 98117224
POD Number: 0000000435095
Beginning Read Date: 12-11
Ending Read Date: 01-11
Beginning Read: 864
Ending Read: 1983 (Actual)
Differential: 1119
Constant: 0.1
Correction factor: 1.00000
Usage: 111.9 Mcf

Total Metered Energy Use: 111.9 Mcf

January Energy Bill

Invoice: 205189257923

Account Summary

Last Month's Account Balance	\$468.80
Payment on January 05, 2021	\$468.80-
Balance Forward	\$0.00

Payments applied after Jan 13, 2021 are not included.

Natural Gas Charges

Customer Charge		\$91.63
Gas Distribution	111.9@ 3.163700	\$354.01
Gas Cost Recovery	111.9@ 2.172700	\$243.13
Total Natural Gas		\$688.77

Total Energy Charges **\$688.77**

Amount Due: \$688.77
By February 04, 2021

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

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NEWS AND INFORMATION

Please see the insert for details on the
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delivered to customers.

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

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

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

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

Ways to pay your energy bill:



Auto-pay
Checking or savings

Auto-pay
Discover® MasterCard®
or Visa®
(Billable to account)



eCheck
via ACH

Secure electronic
payment with
enrolled remittance



Same-day payment
ConsumersEnergy.com

Discover® MasterCard®
Visa® or eCheck



Same-day payment
855-320-9593

Discover® MasterCard®
Visa® or eCheck



By mail
Check, money order

Consumers Energy
Payment Center
P.O. Box 749300
Lansing, MI 48249-0300



In person
Cash, check, card
or money order

Works by authorized
payment locations
For more details



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

PREPARED BY	PHONE NUMBER	DATE
Houvenner	95966	9/30/2020
SET ID	POST DATE	
VP210106MA		

PARENT RECORD INFORMATION			
VENDOR NAME	VENDOR NUMBER	ADDR CODE	INVOICE DATE
County of Macomb	V01085	06	11/12/2020
			INVOICE AMOUNT
			\$ 660,193.69

CHILD RECORD DETAIL INFORMATION										
ORG KEY	OBJECT	JOB LEDGER		DRAIN NAME	DESCRIPTION	AMOUNT	DIV	MISC	SEP CK	
		COST CENTER	OBJECT							WORK ORDER NUMBER
8210166M	72100	CC0018	72100	WO18300	MIDDD	Personnel 3rd Quarter	\$ 214,057.49	IFIN	MC1	
8210166M	99101	CC0018	99101	WO18300	MIDDD	Operating 3rd Quarter	\$ 10,494.36	IFIN	MC1	
8210017M	72100	CC0004	72100	WO18006	8 1/2 Mile Relief	Personnel 3rd Quarter	\$ 321,317.10	IFIN	MC1	
8210017M	99101	CC0004	72100	WO18006	8 1/2 Mile Relief	Operating 3rd Quarter	\$ 3,888.99	IFIN	MC1	
8713018M	72100				SEMCWWDSD	Personnel 3rd Quarter	\$ 43,655.76	IFIN	MC1	
8713018M	99101				SEMCWWDSD	Operating 3rd Quarter	\$ 518.53	IFIN	MC1	
8210072M	72100				Martin	Personnel 3rd Quarter	\$ 65,483.66	IFIN	MC1	
8210072M	99101				Martin	Operating 3rd Quarter	\$ 777.80	IFIN	MC1	
							TOTAL: \$	660,193.69		

COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
3rd Quarter 2020 Personnel/Operating

Finance Manager: _____
 Chief Engineer: _____
 Engineer(s): _____
 Manager(s): _____
 Coordinator: _____

BM/mh

Drain: Multiple
 Project Balance: N/A
 Staff Date: 1/5/2021
 Board Date: 1/11/2021
 Select for Pay Date: _____



Macomb County Finance Department
 120 N. Main Street, 2nd Floor
 Mt. Clemens, MI 48043

**PUBLIC WORKS OFFICE
 ATTN: BRUCE MANNING
 21777 DUNHAM RD
 CLINTON TOWNSHIP, MI 48036**

Email Address:

Invoice Date
 11/12/2020

Invoice
 AR200890

REF DATE	DESCRIPTION	AMOUNT
11/12/2020	3RD QTR 20 CHAPOTON-PERSONNEL	216,399.04
11/12/2020	3RD QTR CHAPOTON-OPERATING	5,185.32
11/12/2020	3RD QTR 20 WASTE WTR-PERSONNEL	428,114.97
11/12/2020	3RD QTR 20 WASTE WTR-OPERATING	10,494.36
Charges		660,193.69
Amount Due		660,193.69

***** PLEASE RETURN THIS PORTION WITH YOUR PAYMENT *****

Finance Department Contact Number:
 (586) 469-5251

Tax ID # / EIN Number:
 38-6004868

Payment Terms:
 Due Upon Receipt

Please email any questions about your account to:
 Accounting@MacombGov.Org

Customer Number: DPWK BA

Please remit your payment to:
 COUNTY OF MACOMB
 FINANCE DEPARTMENT
 120 NORTH MAIN STREET, 2nd FLOOR
 MOUNT CLEMENS, MI. 48043-5622

Invoice Number: AR200890

Invoice Date: 11/12/2020

Amount Due: \$660,193.69

3rd Quarter Personnel and Operating Costs 2020

	Chapaton Personnel	Chapaton Operating	WW Personnel	WW Operating	3018	3018 OP	0072	0072 OP	Total
Invoice Totals	216,399.04	5,185.32	\$428,114.97	\$10,494.36					\$660,193.69
Due from 8.5 Mile	160,543.11		(160,543.11)						
Due from Martin			(32,108.62)				\$32,108.62		
Due from SECWWDS	(21,641.00)		(21,405.75)		\$21,405.75				
Due from Martin	(32,461.51)				\$21,641.00				
Due from SECWWDS		(518.53)				\$518.53			
Due from Martin	(787.90)						\$787.90		
Due from Martin	(125.63)						\$125.63		
Due from SECWWDS	(525.26)				\$525.26				
Due from Martin		(\$777.80)						\$777.80	
Due from SECWWDS	(583.75)				\$83.75				
Totals	\$321,317.10	\$3,888.99	\$214,057.49	\$10,494.36	\$43,655.76	\$518.53	\$65,483.66	\$777.80	\$660,193.69

	Personnel	Internal Srv.
0166	72100	99101
0017	\$214,057.49	\$10,494.36
3018	\$321,317.10	\$3,888.99
0072	\$43,655.76	\$518.53
	\$65,483.66	\$777.80
total	\$644,514.01	\$15,679.68



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/29/21
4. SET ID VP210130MA		
5. POST DATE		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) Cross Construction Group	7. VENDOR NUMBER V081148	9. Invoice No (MAX = 16 CHARACTERS) WO19082 Est 2	11. Invoice Amount \$ 22,500.00
8. ADDR CODE 01	10. Invoice Date 1/27/2021		

CHILD RECORD DETAIL INFORMATION						
General Ledger		Job Ledger		OPTIONAL		
12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)
A	8200017M	80126	80126	WO19082	8 1/2 Mile Relief	Chap Lab & Mezzanine, Est #2
B						
C						
D						
E						
F						
G						
						23. Total: \$ 22,500.00

REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
 Retainage recording of \$2,500. Total retained to date \$4,999.80

25. Finance Officer:	BM/rmh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	\$622,788.80; \$4,999.80 Retained
27. Engineers:		32. Staff Date:	2/2/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	

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

WORK ORDER NUMBER	WO19082	
PROJECT NUMBER	WWS-2020-010	
PROJECT NAME	Chapaton Lab Relocation & Mezzanine Renovation	
DRAINAGE DISTRICT	8 1/2 Mile Relief Drain Drainage District	
CONTRACTOR NAME	Cross Construction Group	
INVOICE DATE	1/27/2021	
INVOICE START DATE	1/1/2021	
INVOICE END DATE	1/31/2021	
ORIGINAL CONTRACT AMOUNT		\$ 667,777.00
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		\$ 667,777.00
(includes all approved change orders only)		
TOTAL AMOUNT PREVIOUSLY INVOICED		\$ 22,498.20
TOTAL AMOUNT DUE THIS INVOICE		\$ 22,500.00
TOTAL BUDGET REMAINING		\$ 622,778.80
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)		

Contractor's Application for Payment

Owner:	<u>8 1/2 Mile Relief Drain Drainage District</u>	Owner's Project No.:	<u>WWS-2020-010</u>
Engineer:	<u>Fishbeck</u>	Engineer's Project No.:	<u>191498</u>
Contractor:	<u>Cross Construction Group</u>	Contractor's Project No.:	<u>BH-724</u>
Project:	<u>Chapaton Pump Station Lab Relocation & Mezzanine Renovation</u>		
Contract:	<u>Chapaton Pump Station Lab Relocation & Mezzanine Renovation</u>		
Application No.:	<u>002</u>	Application Date:	<u>1/27/2021</u>
Application Period:	From <u>1/1/2021</u>	to	<u>1/31/2021</u>

1. Original Contract Price	\$ 667,777.00
2. Net change by Change Orders	\$ -
3. Current Contract Price (Line 1 + Line 2)	\$ 667,777.00
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$ 49,998.00
5. Retainage	
a. <u>10%</u> X \$ <u>49,998.00</u> Work Completed	\$ 4,999.80
b. _____ X \$ _____ Stored Materials	\$ -
c. Total Retainage (Line 5.a + Line 5.b)	\$ 4,999.80
6. Amount eligible to date (Line 4 - Line 5.c)	\$ 44,998.20
7. Less previous payments (Line 6 from prior application)	\$ 22,498.20
8. Amount due this application	\$ 22,500.00
9. Balance to finish, including retainage (Line 3 - Line 4)	\$ 617,779.00

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: Cross Construction Group
Signature: James Schuchman **Date:** 1/27/21

Recommended by Engineer		Approved by Owner	
By:	<u>N/A</u>	By:	<u>[Signature]</u>
Title:	_____	Title:	<u>Engineer II</u>
Date:	_____	Date:	<u>01/28/2021</u>
Approved by Funding Agency			
By:	<u>N/A</u>	By:	<u>[Signature]</u>
Title:	_____	Title:	<u>Operations & Flow Manager</u>
Date:	_____	Date:	<u>01/28/2021</u>

Record \$ 2500 retainage

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

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

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

Application No.: 002		Application Period: From 01/01/21 to 01/31/21		Application Date: 01/27/21				
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 (\$)				
Original Contract								
1	Bonds	\$10,000.00	10,000.00			10,000.00	100%	-
2	Insurance	\$4,000.00	4,000.00			4,000.00	100%	-
3	Project Management	\$15,000.00	2,250.00	1,500.00		3,750.00	25%	11,250.00
4	Site Supervision	\$30,000.00	3,000.00	3,000.00		6,000.00	20%	24,000.00
5	Dumpsters	\$3,500.00					0%	3,500.00
6	Submittals	\$10,000.00	1,000.00	7,000.00		8,000.00	80%	2,000.00
7	Demolition	\$10,000.00					0%	10,000.00
8	Metal Stud Framing	\$4,000.00					0%	4,000.00
9	Doors & Hardware	\$2,000.00					0%	2,000.00
10	Gyp Board & FRP	\$2,500.00					0%	2,500.00
11	Ceiling Installation	\$1,500.00					0%	1,500.00
12	Painting	\$2,000.00					0%	2,000.00
13	Flooring	\$8,000.00					0%	8,000.00
14	Lab Casework	\$24,000.00		13,500.00		13,500.00	56%	10,500.00
15	Mechanical	\$20,000.00					0%	20,000.00
16	Electrical	\$8,000.00					0%	8,000.00
17	Plumbing	\$10,000.00					0%	10,000.00
18	Demolition & Abatement	\$30,000.00					0%	30,000.00
19	Concrete	\$3,000.00					0%	3,000.00
20	Masonry	\$8,000.00					0%	8,000.00
21	Structural Steel	\$17,000.00					0%	17,000.00
22	Metal Stud Framing	\$30,000.00					0%	30,000.00
23	Milwork Installation	\$22,000.00					0%	22,000.00
24	Glazing Installation	\$13,000.00					0%	13,000.00
25	Doors & Hardware	\$10,000.00					0%	10,000.00
26	Gyp Board & FRP	\$20,000.00					0%	20,000.00
27	Painting	\$7,500.00					0%	7,500.00
28	Ceiling Installation	\$2,000.00					0%	2,000.00
29	Lockers	\$4,000.00					0%	4,000.00
30	Kitchen Appliance Install	\$1,500.00					0%	1,500.00
31	Bathroom Accessories	\$2,500.00					0%	2,500.00
32	Visual Display Boards	\$2,000.00					0%	2,000.00
33	Corner Guard Installation	\$2,000.00					0%	2,000.00
34	Flooring	\$19,547.00					0%	19,547.00

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

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

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

Application No.: D02		Application Period: From 01/01/21 to 01/31/21		Application Date: 01/27/21				
A	B	C	D	E	F	G	H	I
Item No.	Description	Scheduled Value (\$)	(D + E) From Previous Application (\$)	Work Completed This Period (\$)	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) (\$)
35	Tile Installation	\$3,000.00					0%	3,000.00
36	Roller Shade Installation	\$4,300.00					0%	4,300.00
37	Mechanical	\$75,000.00					0%	75,000.00
38	Electrical	\$55,000.00					0%	55,000.00
39	Plumbing	\$35,000.00					0%	35,000.00
40	Lutz Roofing	\$6,880.00					0%	6,880.00
41	Abel Electronics	\$51,683.00					0%	51,683.00
42	Macomb County IT	\$43,012.00					0%	43,012.00
43	Interior Environment	\$25,355.00					0%	25,355.00
44	Building Permit	\$10,000.00	4,748.00			4,748.00	47%	5,252.00
Original Contract Totals		\$ 667,777.00	\$ 24,998.00	\$ 25,000.00	\$ -	\$ 49,998.00	7%	\$ 617,779.00

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER: Macomb County
c/o Cross Construction Group

PROJECT: Chapaton Pump Station

APPLICATION #: 1
PERIOD TO: 01/31/21
PROJECT NOS: BH-724-014
DISTRIBUTION TO:

FROM CONTRACTOR: Detroit Technical Equipment Company

VIA ARCHITECT: Fishbeck

CONTRACTOR DATE: 12/22/20

Owner
Const. Mgr
Architect
Contractor

CONTRACT FOR: Metal Casework

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet is attached.

- 1. ORIGINAL CONTRACT SUM \$ 24,559.14
- 2. Net change by Change Orders \$
- 3. CONTRACT SUM TO DATE (Line 1 +/- 2) \$ 24,559.14
- 4. TOTAL COMPLETED & STORED TO DATE \$ 24,559.14
(Column G on Continuation Sheet)
- 5. RETAINAGE:
 - a. of Completed Work \$
 - (Columns D+E on Continuation Sheet)
 - b. 10.0% of Stored Material \$
 - (Column F on Continuation Sheet)
 - Total Retainage (Line 5a + 5b or Total in Column 1 of Continuation Sheet)

- 6. TOTAL EARNED LESS RETAINAGE \$ 24,559.14
(Line 4 less Line 5 Total)
- 7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) \$
- 8. CURRENT PAYMENT DUE \$ 24,559.14
(Line 6 less Line 7)
- 9. BALANCE TO FINISH, INCLUDING RETAINAGE \$

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown therein is now due.

CONTRACTOR:
By: [Signature] Date: 1.28.2021

State of: MI
County of: Oakland

Subscribed and sworn to before me this 28 day of Jan, 2021

Notary Public:
My Commission expires: 7-4-27



CERTIFICATE FOR PAYMENT

In accordance with Contract Documents, based on on-site observations and the data comprising application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$
(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this application and on the Continuation Sheet that are changed to conform to the amount certified.)

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month		
TOTALS		
NET CHANGES by Change Order		

ARCHITECT:
By: _____ Date: _____
This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner of Contractor under this Contract.

CONTINUATION SHEET

ATTACHMENT TO PAY APPLICATION

Chapaton Pump Station

Page 2 of 2 Pages

APPLICATION NUMBER: 1

APPLICATION DATE: 1-Jan-21

PERIOD TO: 31-Jan-21

ARCHITECT'S PROJECT NO: BH-724-014

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		E Completed This Period	F Materials Presently Stored (Not In D or E)	G Total Completed And Stored To Date (D + E + F)	H Balance To Finish (C - G)	I Retainage
			From Previous Application (D + E)	This Period					
1	Shop Drawings	\$ 500.00			\$ 500.00		\$ 500.00	\$ -	\$ -
2	Metall Casework/Counters	\$ 24,059.14			\$ 24,059.14		\$ 24,059.14	\$ -	\$ -
3							\$ -	\$ -	\$ -
4							\$ -	\$ -	\$ -
5							\$ -	\$ -	\$ -
6							\$ -	\$ -	\$ -
7							\$ -	\$ -	\$ -
8							\$ -	\$ -	\$ -
9							\$ -	\$ -	\$ -
10							\$ -	\$ -	\$ -
11							\$ -	\$ -	\$ -
12							\$ -	\$ -	\$ -
13							\$ -	\$ -	\$ -
14							\$ -	\$ -	\$ -
15							\$ -	\$ -	\$ -
16							\$ -	\$ -	\$ -
17							\$ -	\$ -	\$ -
18							\$ -	\$ -	\$ -
19							\$ -	\$ -	\$ -
20							\$ -	\$ -	\$ -
21							\$ -	\$ -	\$ -
22							\$ -	\$ -	\$ -
23							\$ -	\$ -	\$ -
24							\$ -	\$ -	\$ -
SUBTOTALS PAGE 2		\$ 24,559.14	\$ -	\$ 24,559.14	\$ -	\$ 24,559.14	\$ 24,559.14	\$ -	\$ -
									\$ -

SWORN STATEMENT

State of Michigan
 County of Oakland

Janice Carraher being duly sworn, states the following: that Detroit Technical Equipment Company
 is the (contractor)(subcontractor) for an improvement to the following real property in Macomb County
Chapaton Pump Station

The following is a statement of each subcontractor, supplier and laborer, contracted by Detroit Technical Equipment for the project listed above. Amounts due to the persons as of the date of this statement are correctly and full set forth opposite their names. All labor, fringes, payroll taxes and other payroll obligations are paid in full through 1/15/2021.

Name Address and Phone Number of Subcontractor, Supplier or Laborer	Type of Improvement Furnished	Total Contract Price	Amount Already Paid	Amount Currently Owing	Balance to complete (optional)	Amount of Laborer Wages Due but unpaid
Mott Mfg. LTD	stainless steel casework	14,723.00				
Gerald Hoffman	Installation	4,750.00				
Totals		19,473.00				

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

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

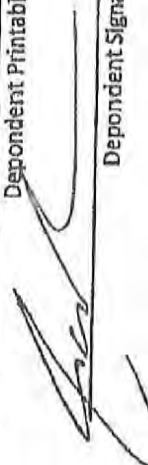
WARNING TO OWNER OR LESSEE: AN OWNER OR LESSEE OF THE PROPERTY MAY NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A

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


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

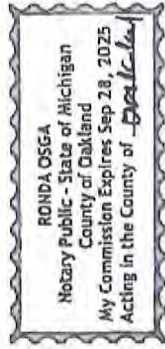
WARNING TO OWNER OR LESSEE: AN OWNER OR LESSEE OF THE PROPERTY MAY NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A SUBCONTRACTOR, SUPPLIER OR LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING OR A LABORER WHO MAY PROVIDE A NOTICE OF FURNISHING UNDER SECTION 109 OF THE CONSTRUCTION LIEN ACT, 1980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

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

Janice Carraher _____
Dependent Printable Name
 _____
Dependent Signature

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

Subscribed and sworn to before me this
15 day of January 2021

Notary Public, _____
Oakland County, Michigan
My Commission Expires: Sept 28 2025



UNCONDITIONAL WAIVER AND RELEASE ON FINAL PAYMENT

NOTICE TO CLAIMANT: THIS DOCUMENT WAIVES AND RELEASES LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS UNCONDITIONALLY AND STATES THAT YOU HAVE BEEN PAID FOR GIVING UP THOSE RIGHTS. THIS DOCUMENT IS ENFORCEABLE AGAINST YOU IF YOU SIGN IT, EVEN IF YOU HAVE NOT BEEN PAID. IF YOU HAVE NOT BEEN PAID, USE A CONDITIONAL WAIVER AND RELEASE FORM.

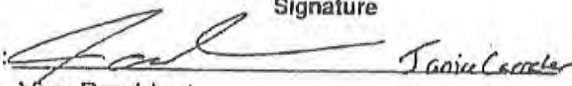
Identifying Information

Name of Claimant: Detroit Technical Equipment
Name of Customer: Cross Construction Group
Job Location: Chapaton Lab & Mezzanine (BH-724)
Owner: Macomb County

Unconditional Waiver and Release

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for all labor and service provided, and equipment and material delivered, to the customer on this job. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document. The claimant has been paid in full.

Signature

Claimant's Signature: 
Claimant's Title: Vice President
Date of Signature: 1-27-21

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

Project Name: Chapaton Pump Station Lab Relocation & Mezzanine Renovation

Contract No.: _____

Contract Date: 12/8/2020

Contractor: Cross Construction Group

Owner: 8 1/2 Mile Relief Drain Drainage District

Certification Period (From the Date of the Contract to the Date of this Declaration) 12/8/2020 - 1/27/21

I hereby certify that I have not, during the above noted certification period, performed any work, furnished any material, sustained any loss, damage or delay for any reason, including soil conditions encountered or created, or otherwise done anything for which I shall ask, demand, sue for, or claim compensation from the Owner or its agents, in addition to the regular items set forth in the above noted Contract (and executed Change Orders thereto) executed between the Contractor and the Owner, except as the Contractor hereby claim for additional compensation and/or extension of time as described in previously submitted claim letters to the Owner dated:

Attached Summary, Dated _____

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

CONTRACTOR

By: James Ochenschlager
(Authorized Signature)

Name: James Ochenschlager
(Print Name)

Title: Assistant Controller

Date: 1/27/21

END OF SECTION 00 61 13.1

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ONESolution

ACCOUNTS PAYABLE CHECK REQUEST
PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/19/21
4. SET ID		
5. POST DATE		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) DTE Energy	7. VENDOR NUMBER V01270	9. Invoiced Date 12/31/2020	11. Invoice Amount 557.49
6. ADDR CODE 08		10. Invoice Date 12/31/2020	
9. Invoiced No. (MAX = 16 CHARACTERS) R4VXR-YTTWP		11. Invoice Amount \$ 557.49	

CHILD RECORD DETAIL INFORMATION									
General Ledger			Job Ledger			OPTIONAL			
12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC
A	8200017M	92101	92101	WO18006	8 1/2 Mile Relief	Ac#9100 0005 6739, 12/1-12/31	\$ 557.49	GEN	
B									
C									
D									
E									
F									
G									

23. Total: \$ **557.49** REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

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

910000056739

00000055749 B

DTE

Payment Coupon

Account Number	910000056739
Due Date:	February 01, 2021
Total Due:	\$557.49

MACOMB COUNTY
 21777 DUNHAM RD
 CLINTON TWP MI 48036-1005

R4VXA-Y7TWP

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

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

Account Information

MACOMB COUNTY
 21777 DUNHAM RD
 CLINTON TWP, MI 48036

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

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

Programs you are enrolled in:

How to contact us:

Billing Inquiry 1-734-397-4309

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

Important Information

DTE

Summary Of Charges

Account Number 9100-0005-6739

Previous Balance as of 11/30/2020	1,095.41
Payment(s) and Credit(s)	- 1,095.41
Remaining Balance	\$0.00

Current Charges

Service Location	Item	Service Type	Rate	Bill Period	Amount
Ref. to ESRI for location	7004422277	Street Lights OH Standard	EFS_E1UOHS	12/01 - 12/31/20	557.49
		Taxes			0.00
		Miscellaneous Charges			0.00
		Current Bill			\$557.49

Amount Due on or before Due Date of 02/01/2021 **\$557.49**

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

Detail Charges

Invoice: 200002708226 Service Name: Streetlight
Item: 7004422277 Cycle: 20

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

Billing Status Information

Total Number of days in the Billing Period	31	DAYS
Avg Kilowatthours Used Per Day This Period	64	KWH
Avg Kilowatthours Used Per Day A Year Ago	64	KWH
kWh percentage change from a year ago	0	PCT

Charges for 12/01/2020 through 12/31/2020

Power Supply Charges:

Energy Charge:						
Power Supply Non Capacity Charge	1,980	KWH	@ \$	0.0447000	Per Total KWH	88.51
Surcharges:						
Power Supply Cost Recovery Factor	1,980	KWH	@ \$	0.0016600	Per Total KWH	3.29
Sub Total:						91.80

Delivery Charges:

Luminaire:						
100 Watt High Pressure Sodium	10	EA	@ \$	15.4700000		154.70
250 Watt High Pressure Sodium	10	EA	@ \$	23.8100000		238.10
Multiple Lamp Discount	2	EA	@ \$	-0.5100000		- 1.02
Surcharges:						
Nuclear Surcharge	1,980	KWH	@ \$	0.0008420	Per Total KWH	1.67
Other Delivery Surcharges	1		@ \$	69.4100000		69.41
Transitional Recovery Mechanism	1,980	KWH	@ \$	0.0014300	Per Total KWH	2.83
Sub Total:						465.69

Invoice Subtotal

557.49

Michigan State Sales Tax On Taxable Portion

0.00

Invoice Total

\$557.49



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/19/21
4. SET ID VP210124MB		5. POST DATE

PARENT RECORD INFORMATION			
a. VENDOR NAME (Check to be Issued to) Fishbeck	7. VENDOR NUMBER V44063	9. Invoice No (MAX = 18 CHARACTERS) 398096	11. Invoice Amount 1,966.18
b. ADDR CODE 01	10. Invoiced Date 1/5/2021		

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		OPTIONAL								
	12. Org Key	13. Object	14. Job Ledger Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
A	8200017M	80138	CC0004	80138	WO19082	8 1/2 Mile Relief	Pjt #191498 thru 12/25/20	\$ 1,966.18	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 1,966.18 REV 09/2018

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

25. Finance Officer:	BMI/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	\$17,140.15
27. Engineers:		32. Staff Date:	2/2/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	



Payment Options

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

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

Invoice : 398096
Invoice Date : 1/5/2021
Project : 191498
Project Name : Macomb Co PW/Chapaton Bldg
 Renovation
Bill Term : 1

For Professional Services Rendered Through 12/25/2020

WO19082 WWS-2019-016

Fee	% Complete	Billings		
		To Date	Previous	Current
105,100.00	83.69	87,959.85	85,993.67	1,966.18
				Current Billings 1,966.18
				Amount Due This Bill 1,966.18

Rate Labor

<i>Class</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
Senior Architect	11.50	155.0000	1,782.50
Total Rate Labor			1,782.50

Unit Rate Expenses

<i>Account / Unit</i>	<i>Quantity</i>	<i>Rate</i>	<i>Amount</i>
Mileage			
Mileage - Employee Vehicle	328.00	0.5600	183.68
Total Unit Rate Expenses			183.68

Total Bill Task: 191498 - Macomb Co PW/Chapaton Bldg Renovation **1,966.18**

Total Project: 191498 - Macomb Co PW/Chapaton Bldg Renovation **1,966.18**



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/29/21
4. SET ID V210130MA		
5. POST DATE		

PARENT RECORD INFORMATION	
6. VENDOR NAME (Check to be Issued to) Fishbeck	7. VENDOR NUMBER V44063
8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) 397582
10. Invoice Date 12/29/2020	11. Invoice Amount \$ 3,348.98

CHILD RECORD DETAIL INFORMATION										
12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
A	8200017M	80138	80138	WO19005	8 1/2 Mile Relief	Pjt #190051 through 12/25/20	\$ 3,348.98	GEN		
B										
C										
D										
E										
F										
G										

23. Total: \$ **3,348.98**

REV 09/2018

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

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	\$95,942.43
27. Engineers:		32. Staff Date:	2/2/21
28. Managers:		33. Board Date:	2/8/21
29. Coordinator:		34. Select For Pay Date:	

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

WORK ORDER NUMBER	WO19005
PROJECT NUMBER	WWS-2019-001
PROJECT NAME	As-Needed General Engineering Services
DRAINAGE DISTRICT	Eight and One-Half Mile Relief Drain Drainage District
CONSULTANT NAME	Fishbeck
INVOICE DATE	12/30/2020
INVOICE START DATE	9/5/2020
INVOICE END DATE	12/25/2020
ORIGINAL CONTRACT AMOUNT	\$ 151,919.00
CHANGE ORDER TOTAL	\$ 75,000.00
Change Order No. 1 <i>11.18.2019</i>	\$ 75,000.00
Change Order No. 2	
Change Order No. 3	
Change Order No. 4	
TOTAL REVISED CONTRACT AMOUNT	\$ 226,919.00
(includes all approved change orders only)	
TOTAL AMOUNT PREVIOUSLY INVOICED	\$ 127,627.59
TOTAL AMOUNT DUE THIS INVOICE	\$ 3,348.98
TOTAL BUDGET REMAINING	\$ 95,942.43
(Includes Total Revised Contract Amount Less Total Invoiced Previously and Total Invoiced Current)	



Payment Options

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

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

Invoice : 397582
 Invoice Date : 12/29/2020
 Project : 190051
 Project Name : Macomb Co PW/8.5 As-needed
 Engineering
 Bill Term : 1

For Professional Services Rendered Through 12/25/2020

WO19005

	Fee	Available	Billings		
			To Date	Previous	Current
1 - Task 1 - Genral As Needed	88,362.61	88,362.61	0.00	0.00	0.00
1.A - Task 1a - Chapaton Structural Study	46,910.34	0.00	46,910.34	46,910.34	0.00
1.B - Task 1b - 9 Mile Pipe Repair (WO19105)	20,816.15	0.00	20,816.15	20,816.15	0.00
1.C - Task 1c - In-System Storage As-Needed	5,250.00	5,250.00	0.00	0.00	0.00
1.D - Task 1d - Office Improvements	21,393.90	0.00	21,393.90	21,393.90	0.00
1.E - Task 1e - Maps	7,500.00	5,678.59	1,821.41	1,821.41	0.00
1.F - Task 1f - Chapaton Sampling Plan	4,065.60	0.00	4,065.60	4,065.60	0.00
1.G - Task 1g - Chapaton Survey	2,084.25	0.00	2,084.25	2,084.25	0.00
1.H - Task 1h - Chapaton Bar Screen Hydraulic Isolation	2,976.75	0.00	2,976.75	2,976.75	0.00
1.I - Task 1i - Chapaton Environmental Study	8,521.60	0.01	8,521.59	8,521.59	0.00
1.j - Task 1j - Chapaton Flow Meter Drawings	2,680.00	0.00	2,680.00	2,680.00	0.00
1.k - Task 1k - Chapaton High Water Protection	4,783.80	0.00	4,783.80	4,783.80	0.00
1.l - Task 1l - Chapaton 3D Animation	3,557.00	0.00	3,557.00	3,557.00	0.00
1.M - Task 1m - Chapaton Ground Penetrating Radar	4,589.00	0.00	4,589.00	4,589.00	0.00
1.N - Task 1n - Chapaton Div 01 Specs	3,428.00	0.00	3,428.00	3,428.00	0.00
1.O - Task 1o - RTB & 9EB Structural Repair	19,950.00	19,950.00	3,348.98	0.00	3,348.98
Expenses		3,348.98			
			Current Billings		3,348.98
			Amount Due This Bill		3,348.98

NTH - Outside Services - NTH

Expenses

Account / Vendor

Subconsultant

NTH Consultants Ltd

<u>Cost</u>	<u>Multiplier</u>	<u>Amount</u>
3,189.50	1.05	3,348.98

Total Expenses

3,348.98

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

3,348.98



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST
PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type)	2. PHONE #	3. DATE
Michelle Houvener	95966	1/9/21
4. SET ID		
5. POST DATE		
VP210112MA		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to)	7. VENDOR NUMBER	8. ADDR CODE	9. Invoice No (MAX = 16 CHARACTERS)
JF Cavanaugh	V67460	01	WO18350 Est 5
			10. Invoice Date
			11/24/2020
			11. Invoice Amount
			12,414.61

CHILD RECORD DETAIL INFORMATION									
General Ledger			Job Ledger		OPTIONAL			MISC	
12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC
A	8200017M	80126	80126	WO18350	8 1/2 Mile Relief	Pump & Screen Imprvmis - 11/1-11/30	\$ 12,414.61	GEN	22 Sep CK
B									
C									
D									
E									
F									
G									

23. Total: \$ 12,414.61

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Record retainage of \$653.40. Total retainage to date \$47,722.13

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	\$111,829.36; \$47,722.13 Retainage
27. Engineers:		32. Staff Date:	1/19/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	

Contractor's Application for Payment

Owner:	<u>8 1/2 Mile Relief Drain Drainage District</u>	Owner's Project No.:	<u>WWS-2019-022</u>
Engineer:	<u>HRC</u>	Engineer's Project No.:	<u>20180363</u>
Contractor:	<u>J.F. Cavanaugh</u>	Contractor's Project No.:	<u>-</u>
Project:	<u>Chapaton Pump and Screen Improvements</u>		
Contract:	<u></u>		
Application No.:	<u>5</u>	Application Date:	<u>12/10/2020</u>
Application Period:	From <u>11/1/2020</u>	to	<u>11/30/2020</u>

1. Original Contract Price	\$	<u>1,162,472.00</u>
2. Net change by Change Orders	\$	<u>(96,200.00)</u>
3. Current Contract Price (Line 1 + Line 2)	\$	<u>1,066,272.00</u>
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$	<u>954,442.64</u>
5. Retainage		
a. <u>5%</u> X \$ <u>954,442.64</u> Work Completed	\$	<u>47,722.13</u>
b. <u> </u> X \$ <u>-</u> Stored Materials	\$	<u>-</u>
c. Total Retainage (Line 5.a + Line 5.b)	\$	<u>47,722.13</u>
6. Amount eligible to date (Line 4 - Line 5.c)	\$	<u>906,720.51</u>
7. Less previous payments (Line 6 from prior application)	\$	<u>894,305.90</u>
8. Amount due this application	\$	<u>12,414.61</u>
9. Balance to finish, including retainage (Line 3 - Line 4)	\$	<u>111,829.36</u> ✓

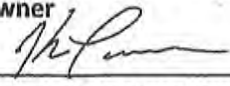
Contractor's Certification

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: J.F. Cavanaugh

Signature: Brian Pass **Date:** 11/10/2020

Recommended by Engineer	Approved by Owner
By: <u>Aaron Uranga</u>	By: <u></u>
Title: <u>Associate</u>	Title: <u>Construction Engineer</u>
Date: <u>11/10/2020</u>	Date: <u>1-5-2021</u>

Approved by Funding Agency

By: _____ **By:** _____

Title: _____ **Title:** _____

Date: _____ **Date:** _____

Record \$ 653.40 retainage

APPLICATION AND CERTIFICATION FOR PAYMENT

OWNER: **8 1/2 Mile Relief Drain Drainage District Chapaton Pump Station Dry Weather Pump #9**
 PROJECT: **30-N-01-20**
 APPLICANT: **J.F. Cavanaugh Company**
 Date: **16-Jul-20**

CONTRACTOR: **J.F. Cavanaugh Company**
 VIA ARCHITECT: **Hubbell, Roth and Clark, Inc.**
 20750 Sunnydale, Farm. Hls. MI 48336
 535 Griswold Street, Suite 1656, Detroit MI 48226
 CONTRACT FOR: **Chapaton Pump Station**
 PERIOD TO: **30-N-01-20**
 CONTRACT DATE: **16-Jul-20**

CONTRACTOR'S APPLICATION FOR PAYMENT

This undersigned Contractor certifies that to the best of his knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner and that current payment shown herein is now due.

ORIGINAL CONTRACT SUM	\$ 1,162,472.00
Change by Change Orders	\$ 190,203.09
NET CONTRACT SUM TO DATE (Line 1 = 2)	\$ 1,066,272.00
TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$ 954,442.64

% of Work Completed	5	\$ 47,722.13
% of Stored Material	5	
(Column F on G703)		
Total Retainage (Lines 5a - 5c on G703)		

Total on Column F of G703	\$ 88,000.00
RETAINAGE	\$ 906,270.51
LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$ 394,305.91
AMOUNT CERTIFIED	\$ 12,414.60
AMOUNT CERTIFIED	\$ 159,551.49

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
all changes approved previous months by Owner	\$0.00	
all approved this Month	\$40,000.00	(\$136,200.00)
TOTALS	\$40,000.00	(\$136,200.00)
CHANGES by Change Order		(\$96,200.00)

Architect: **Hubbell, Roth and Clark, Inc.**
 State of: **Michigan**
 County of: **Wayne**
 City of: **Detroit**

ARCHITECT'S CERTIFICATE FOR PAYMENT
 In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.
 AMOUNT CERTIFIED: \$ 12,414.60

Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Communication Sheet that are changed to conform with the amount certified.
 ARCHITECT: _____
 By: _____ Date: _____
 This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

ALIA DOCUMENT G703

A Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

contractor's signed certification is attached.

Labels below, amounts are stated to the nearest dollar.

Column 1 on Contracts where variable retainage for line items may apply.

APPLICATION NO: 5

APPLICATION DATE: 2-Dec-20

PERIOD TO: 30-Nov-20

Project: Chapaton Pump Station Dry Weather Pump and Screen Improvements

A ITEM NO.	B DESCRIPTION OF WORK	C UNITS	D UNIT PRICE	E EXTENSION	F WORK COMPLETED		G MATERIALS PRESENTLY STORED	H TOTAL COMPLETED AND STORED TO DATE	I %	J BALANCE TO FINISH	K RETAINAGE (IF VARIABLE RATE)
					FROM PREVIOUS APPLICATION	THIS PERIOD					
1	Bonds, Insurance, Mobilization	1	\$ 60,500.00	\$ 60,500.00	\$ 60,500.00	\$ -	\$ -	\$ 60,500.00	100.00%	\$ -	\$ -
2	Pre-Construction Audio Video	1	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	100.00%	\$ -	\$ -
3	Flow Diversion During Construction - South Side	1	\$ 10,650.00	\$ 10,650.00	\$ 10,650.00	\$ -	\$ -	\$ 10,650.00	100.00%	\$ -	\$ -
4	Flow Diversion During Construction - North Side	1	\$ 10,650.00	\$ 10,650.00	\$ 10,650.00	\$ -	\$ -	\$ 10,650.00	100.00%	\$ -	\$ -
5	New Stop Logs, Guides, Realigned Str - South Side	1	\$ 49,950.00	\$ 49,950.00	\$ 49,950.00	\$ -	\$ -	\$ 49,950.00	100.00%	\$ -	\$ -
5	New Stop Logs, Guides, Realigned Str - North Side	1	\$ 86,250.00	\$ 86,250.00	\$ 86,250.00	\$ -	\$ -	\$ 86,250.00	100.00%	\$ -	\$ -
7	Remove Existing Bar Rack, Install New - South Side	1	\$ 158,260.00	\$ 158,260.00	\$ 158,260.00	\$ -	\$ -	\$ 158,260.00	100.00%	\$ -	\$ -
3	Remove Existing Bar Rack, Install New - North Side	1	\$ 158,260.00	\$ 158,260.00	\$ 158,260.00	\$ -	\$ -	\$ 158,260.00	100.00%	\$ -	\$ -
3	Access Revisions in Screen Room	1	\$ 89,433.00	\$ 89,433.00	\$ 89,433.00	\$ -	\$ -	\$ 89,433.00	100.00%	\$ -	\$ -
0	Guardrail Revision in Screen Room	1	\$ 16,638.00	\$ 16,638.00	\$ 16,638.00	\$ -	\$ -	\$ 16,638.00	100.00%	\$ -	\$ -
1	I&C Upgrades in Screen Room	1	\$ 12,618.00	\$ 12,618.00	\$ 12,618.00	\$ -	\$ -	\$ 12,618.00	100.00%	\$ -	\$ -
2	Core Through Wet Well Wall	1	\$ 3,960.00	\$ 3,960.00	\$ 3,960.00	\$ -	\$ -	\$ 3,960.00	100.00%	\$ -	\$ -
3	Concrete Collar in Wet Well	1	\$ 13,712.00	\$ 13,712.00	\$ 13,712.00	\$ -	\$ -	\$ 13,712.00	100.00%	\$ -	\$ -
4	Through Wall Pipe Penetration	1	\$ 6,203.00	\$ 6,203.00	\$ 6,203.00	\$ -	\$ -	\$ 6,203.00	100.00%	\$ -	\$ -
5	North Dry Well Demolition Work	1	\$ 24,863.00	\$ 24,863.00	\$ 24,863.00	\$ -	\$ -	\$ 24,863.00	100.00%	\$ -	\$ -
6	Install New Owner Furnished Pump	1	\$ 9,843.00	\$ 9,843.00	\$ 9,843.00	\$ -	\$ -	\$ 9,843.00	100.00%	\$ -	\$ -
7	Electrical Upgrades for Added Pump	1	\$ 46,247.00	\$ 46,247.00	\$ 46,247.00	\$ -	\$ -	\$ 46,247.00	44.91%	\$ 5,423.00	\$ -
8	New Concrete Pump Bases	1	\$ 13,906.00	\$ 13,906.00	\$ 13,906.00	\$ -	\$ -	\$ 13,906.00	93.41%	\$ 3,047.00	\$ -
9	Reconfigure Existing Pump	1	\$ 5,200.00	\$ 5,200.00	\$ 5,200.00	\$ -	\$ -	\$ 5,200.00	100.00%	\$ -	\$ -
0	New Piping, valves, and fittings, in Wet Well	1	\$ 212,044.00	\$ 212,044.00	\$ 212,044.00	\$ -	\$ -	\$ 212,044.00	76.92%	\$ 1,200.00	\$ -
1	Pressure Gauges and Assemblies	1	\$ 2,640.00	\$ 2,640.00	\$ 2,640.00	\$ -	\$ -	\$ 2,640.00	90.00%	\$ 21,195.36	\$ -
2	Jib Crane Addition in North Dry Well	1	\$ 29,355.00	\$ 29,355.00	\$ 29,355.00	\$ -	\$ -	\$ 29,355.00	50.00%	\$ 1,320.00	\$ -
3	Electrical Upgrade for Jib Crane	1	\$ 3,966.00	\$ 3,966.00	\$ 3,966.00	\$ -	\$ -	\$ 3,966.00	100.00%	\$ -	\$ -
4	Access Stairway	1	\$ 48,204.00	\$ 48,204.00	\$ 48,204.00	\$ -	\$ -	\$ 48,204.00	100.00%	\$ -	\$ -
5	Access Platform Revisions	1	\$ 11,330.00	\$ 11,330.00	\$ 11,330.00	\$ -	\$ -	\$ 11,330.00	17.77%	\$ 39,636.00	\$ -
6	New Pressure Manholes at EL 551 - Complete	1	\$ 32,540.00	\$ 32,540.00	\$ 32,540.00	\$ -	\$ -	\$ 32,540.00	80.00%	\$ 6,508.00	\$ -
7	Core Fill at Elevation 551	1	\$ 1,030.00	\$ 1,030.00	\$ 1,030.00	\$ -	\$ -	\$ 1,030.00	100.00%	\$ -	\$ -
8	Core at Patch Repair Type 1	28	\$ 200.00	\$ 5,600.00	\$ 5,600.00	\$ -	\$ -	\$ 5,600.00	0.00%	\$ 5,600.00	\$ -
9	Pressure Inj of Cracks Type 2A (Non-Weeping)	150	\$ 50.00	\$ 7,500.00	\$ 7,500.00	\$ -	\$ 7,500.00	\$ 7,500.00	100.00%	\$ -	\$ -
0	Pressure Injection of Cracks Type 2A (Weeping)	50	\$ 50.00	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	0.00%	\$ 2,500.00	\$ -
1	Concrete Surface Repair Type 3 - Up to 1" Depth	16	\$ 400.00	\$ 6,400.00	\$ 6,400.00	\$ -	\$ -	\$ 6,400.00	0.00%	\$ 6,400.00	\$ -
2	Concrete Surface Repair Type 3 - 1" to 3" Depth	10	\$ 400.00	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ 4,000.00	0.00%	\$ 4,000.00	\$ -
3	Conc Surface Repair Type 3 - Greater than 3" Depth	5	\$ 400.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	0.00%	\$ 2,000.00	\$ -
4	Existing Guardrail Removal Repair Type 4	15	\$ 200.00	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ 3,000.00	0.00%	\$ 3,000.00	\$ -
5	Allowance for MCET Work at PLC	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ 10,000.00	0.00%	\$ 10,000.00	\$ -
#1	Flushboards	1	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ 40,000.00	100.00%	\$ -	\$ -
#2	Deletion of Stop Logs	1	\$ (136,200.00)	\$ (136,200.00)	\$ (136,200.00)	\$ -	\$ -	\$ (136,200.00)	100.00%	\$ -	\$ -
SUB TOTALS				\$ 1,066,272.00	\$ 941,374.64	\$ 13,068.00	\$ -	\$ 954,442.64	89.51%	\$ 111,829.36	\$ -

Users may obtain validation of this document by requesting of the license a completed AIA Document D401 - Certification of Document's Authenticity

AIA DOCUMENT G703 CONTINUATION SHEET FOR G702 - 1982 EDITION "AIA" 01/92

THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVENUE, N.W. WASHINGTON, D.C. 20005-5032

G703-1992



ONESolution
 ACCOUNTS PAYABLE CHECK REQUEST
PUBLIC WORKS DIVISION

Mark A. Hackel
 County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/20/21
4. SET ID VP210124MB		
5. POST DATE		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be Issued to) JF Cavanaugh	7. VENDOR NUMBER V67460	8. ADDR. CODE 01	9. Invoice No. (MAX = 16 CHARACTERS) WO18350 Est 6
			10. Invoice Date 1/19/2021
			11. Invoice Amount \$ 30,576.09

CHILD RECORD DETAIL INFORMATION					
General Ledger		Job Ledger		OPTIONAL	
12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)
A	8200017M	80126	80126	WO18350	8 1/2 Mile Relief
B					
C					
D					
E					
F					
G					

18. Description (MAX = 30 CHARACTERS) Pump & Screen Imprvmts - 12/1-12/31	19. Amount \$ 30,576.09	20. DIV GEN	21. MISC	22. Sep CK
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23. Total: \$ 30,576.09

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
 Record retainage of \$1,609.27. Total retainage to date \$49,331.40

25. Finance Officer:	BM/rmh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	\$79,644; \$49,331.40 Retainage
27. Engineers:		32. Staff Date:	2/2/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	

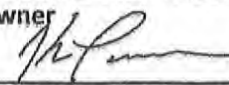
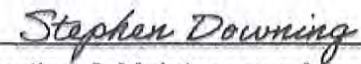
Contractor's Application for Payment

Owner:	<u>8 1/2 Mile Relief Drain Drainage District</u>	Owner's Project No.:	<u>WWS-2019-022</u>
Engineer:	<u>HRC</u>	Engineer's Project No.:	<u>20180363</u>
Contractor:	<u>J.F. Cavanaugh</u>	Contractor's Project No.:	<u>-</u>
Project:	<u>Chapaton Pump and Screen Improvements</u>		
Contract:	<u></u>		
Application No.:	<u>6</u>	Application Date:	<u>1/19/2021</u>
Application Period:	<u>From 12/1/2020</u>	to	<u>12/31/2020</u>

1. Original Contract Price	\$ 1,162,472.00
2. Net change by Change Orders	\$ (96,200.00)
3. Current Contract Price (Line 1 + Line 2)	\$ 1,066,272.00
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$ 986,628.00
5. Retainage	
a. <u>5%</u> X \$ <u>986,628.00</u> Work Completed	\$ 49,331.40
b. <u> </u> X \$ <u>-</u> Stored Materials	\$ -
c. Total Retainage (Line 5.a + Line 5.b)	\$ 49,331.40
6. Amount eligible to date (Line 4 - Line 5.c)	\$ 937,296.60
7. Less previous payments (Line 6 from prior application)	\$ 906,720.51
8. Amount due this application	\$ 30,576.09
9. Balance to finish, including retainage (Line 3 - Line 4)	\$ 79,644.00 ✓

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: J.F. Cavanaugh
Signature: Brian Pass **Date:** 1/15/2020

Recommended by Engineer	Approved by Owner
By: <u>Aaron Uranga</u>	By: <u></u>
Title: <u>Associate</u>	Title: <u>Construction Engineer</u>
Date: <u>1/19/2020</u>	Date: <u>1-20-2021</u>
Approved by Funding Agency	
By: <u></u>	By: <u></u>
Title: <u></u>	Title: <u>Construction & Maintenance Manager</u>
Date: <u></u>	Date: <u>1-20-2021</u>

Retainage entry: \$1,609.27

Progress Estimate - Unit Price Work

Owner: 8 1/2 Mile Relief Drain Drainage District
 Engineer: HRC
 Contractor: J.F. Cavamaugh
 Project: Choptank Pump and Screen Improvements
 Contract:

Contractor's Application for Payment

Owner's Project No.: WWS-2019-022
 Engineer's Project No.: 20180363
 Contractor's Project No.:

Application No.: 6		From 12/01/20 to 12/31/20		Application Period:		From 12/01/20 to 12/31/20		Application Date: 01/19/21								
Bid Item No.	Description	C	D	Contract Information		F	G	H	I	J	K	L				
				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) (\$)
1	Bonds, Insurance and Mobilization (10% Max)	1	LS	\$	60,500.00	60,500.00	1.00	60,500.00	-	60,500.00	100%	-				
2	Pre-Construction Audio-Visual	1	LS	\$	2,500.00	2,500.00	1.00	2,500.00	-	2,500.00	100%	-				
3	Flow Diversion During Construction Complete - South Side	1	LS	\$	10,650.00	10,650.00	1.00	10,650.00	-	10,650.00	100%	-				
4	Flow Diversion During Construction Complete - North Side	1	LS	\$	10,650.00	10,650.00	1.00	10,650.00	-	10,650.00	100%	-				
5	New Stop Logs, Guides and Related Structural Improvements -	1	LS	\$	49,950.00	49,950.00	1.00	49,950.00	-	49,950.00	100%	-				
6	New Stop Logs, Guides and Related Structural Improvements -	1	LS	\$	86,250.00	86,250.00	1.00	86,250.00	-	86,250.00	100%	-				
7	Remove Existing Bar Rack and Install New - South Side	1	LS	\$	158,620.00	158,620.00	1.00	158,620.00	-	158,620.00	100%	-				
8	Remove Existing Bar Rack and Install New - North Side	1	LS	\$	158,620.00	158,620.00	1.00	158,620.00	-	158,620.00	100%	-				
9	Access Hatch Revisions in Screen Room	1	LS	\$	89,433.00	89,433.00	1.00	89,433.00	-	89,433.00	100%	-				
10	Guardrail Revision in Screen Room	1	LS	\$	16,638.00	16,638.00	1.00	16,638.00	-	16,638.00	100%	-				
11	I&C Upgrades in Screen Room	1	LS	\$	12,618.00	12,618.00	1.00	12,618.00	-	12,618.00	100%	-				
12	Core Through Wet Well Wall	1	LS	\$	3,960.00	3,960.00	1.00	3,960.00	-	3,960.00	100%	-				
13	Concrete Collar in Wet Well	1	LS	\$	13,712.00	13,712.00	1.00	13,712.00	-	13,712.00	100%	-				
14	Through Wall Pipe Penetration	1	LS	\$	6,203.00	6,203.00	1.00	6,203.00	-	6,203.00	100%	-				
15	North Dry Well Demolition Work	1	LS	\$	24,863.00	24,863.00	1.00	24,863.00	-	24,863.00	100%	-				
16	Install new Owner Furnished Pump	1	LS	\$	9,843.00	9,843.00	1.00	9,843.00	-	9,843.00	100%	-				
17	Electrical Upgrades for Added Pump	1	LS	\$	46,247.00	46,247.00	1.00	46,247.00	-	46,247.00	100%	-				
18	New Concrete Pump Bases	2	EA	\$	6,953.00	13,906.00	2.00	13,906.00	-	13,906.00	100%	-				
19	Reconfigure Existing Pump	1	LS	\$	5,200.00	5,200.00	1.00	5,200.00	-	5,200.00	100%	-				
20	New Piping, valves and fittings, in Wet Well	1	LS	\$	212,044.00	212,044.00	1.00	212,044.00	-	212,044.00	100%	-				
21	Pressure gauges and assemblies	4	EA	\$	660.00	2,640.00	4.00	2,640.00	-	2,640.00	100%	-				
22	Jib Crane Addition in North Dry Well	1	EA	\$	29,355.00	29,355.00	1.00	29,355.00	-	29,355.00	100%	-				
23	Electrical Upgrade for Jib Crane	1	LS	\$	3,966.00	3,966.00	1.00	3,966.00	-	3,966.00	100%	-				
24	Access Stairway	1	LS	\$	48,204.00	48,204.00	0.18	8,568.00	-	8,568.00	18%	36,636.00				
25	Access Platform Revisions	1	LS	\$	11,330.00	11,330.00	1.00	11,330.00	-	11,330.00	100%	-				
26	New Pressure Manholes at Elevation 551 - Complete	4	EA	\$	8,135.00	32,540.00	3.20	26,092.00	-	26,092.00	80%	6,508.00				
27	Core Infill at Elevation 551	1	LS	\$	1,030.00	1,030.00	1.00	1,030.00	-	1,030.00	100%	-				
28	Cure at Patch Repair Type 1	28	EA	\$	200.00	5,600.00	1.00	5,600.00	-	5,600.00	100%	-				
29	Pressure Injection of Cracks Type 2A (Non-Weeping)	150	LF	\$	50.00	7,500.00	150.00	7,500.00	-	7,500.00	100%	-				
30	Pressure Injection of Cracks Type 2B (Weeping)	50	LF	\$	50.00	2,500.00	50.00	2,500.00	-	2,500.00	100%	-				
31	Concrete Surface Repair Type 3 - Up to 1" Depth	16	SF	\$	400.00	6,400.00	16.00	6,400.00	-	6,400.00	100%	-				
32	Concrete Surface Repair Type 3 - 1" to 3" Depth	10	SF	\$	400.00	4,000.00	10.00	4,000.00	-	4,000.00	100%	-				
33	Concrete Surface Repair Type 3 - Greater than 3"	5	SF	\$	400.00	2,000.00	5.00	2,000.00	-	2,000.00	100%	-				
34	Existing Guardrail Removal Repair Type 4	15	EA	\$	200.00	3,000.00	15.00	3,000.00	-	3,000.00	100%	-				
35	Allowance for MCET Work at PLC	1	ALLOW	\$	10,000.00	10,000.00	1.00	10,000.00	-	10,000.00	100%	-				
Original Contract Totals										\$	1,082,828.00	\$	1,082,828.00	99%	\$	79,644.00

Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner: 8 1/2 Mile Relief Drain Drainage District
 Engineer: HRC
 Contractor: J.F. Cavanaugh
 Project: Chapaton Pump and Screen Improvements
 Contract:

Owner's Project No.: WW5-2019-022
 Engineer's Project No.: 20180363
 Contractor's Project No.:

Application No.: 6		Application Period: From 12/01/20 to 12/31/20		Application Date: 01/19/21					
A Bid Item No.	B Description	C Contract Information		G Work Completed Estimated Quantity Incorporated in the Work	H Value of Work Completed to Date (E X G) (\$)	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) (\$)
		D Item Quantity	E Units						
1	Flash Boards	1.00	LS	1.00	40,000.00		40,000.00	100%	
2	Delete Stop Logs (Items 5 and 6)	1.00	LS	1.00	(136,200.00)		(136,200.00)	100%	
		Change Order Totals			\$ (96,200.00)	\$	\$ (96,200.00)	100%	\$
		Original Contract and Change Orders			\$ 986,628.00	\$	\$ 986,628.00	93%	\$ 79,644.00
		Project Totals			\$ 1,066,272.00	\$	\$ 986,628.00	93%	\$ 79,644.00

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

TO OWNER: PROJECT: **8 1/2 Mile Relief Drain Drainage District Chapaton Pump Station Dry Weather Pump CP** APPLICATION NO: **6** APPLICATION DATE: **January 5, 2021**

FROM CONTRACTOR: VIA ARCHITECT: **Hubbell Roth and Clark, Inc.** PERIOD TO: **31-Dec-20** DISTRIBUTION TO: **OWNER:**

J.F. Cavanaugh Company **555 Griswold Street, Suite 1650, Detroit MI 48226** ARCHITECT: **HRC**

CONTRACT FOR: Chapaton Pump Station CONTRACT DATE: **16-Jul-20** CONTRACTOR: **J.F. Cavanaugh Co.**

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment as shown below, in connection with the Contract.

Continuation Sheet, AIA Document G705, is attached.

1. ORIGINAL CONTRACT SUM	\$ 3,362,472.00
2. Net change by Change Orders	\$ 136,200.00
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$ 3,066,272.00
4. TOTAL COMPLETED & STORED TO DATE (Column 1 on G705)	\$ 988,628.00

5. RETAINAGE:	\$ 49,331.40
a. % of Completed Work	5
b. % of Stored Material	5
5a. Total Retainage (Lines 5a + 5b or Total in Column 1 of G705)	\$ 88,998.00

6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	\$ 957,296.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$ 906,720.51
8. CURRENT PAYMENT DUE (BALANCE TO FINISH INCLUDING RETAINAGE (Line 3 less Line 6))	\$ 30,575.49

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$0.00	
Total approved this Month	\$40,000.00	(\$186,200.00)
TOTALS	\$40,000.00	(\$186,200.00)
NET CHANGES by Change Order		(\$86,200.00)

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:  Date: 1/5/2021

State of: Michigan County of: Wayne
 Notary Public
 My Commission expires:

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED: \$ 5

By: _____
 Attach explanation if amount certified differs from the amount applied. Initial all figures on this application and on the Continuation Sheet that are changed to conform with the amount certified.

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Users may obtain validation of this document by requesting a completed AIA Document D401 - Certification of Document's Authenticity from the Licensee.

CONTINUATION SHEET

MA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

In situations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

ALA DOCUMENT G703

APPLICATION NO: 6

APPLICATION DATE: 5-Jan-21

PERIOD TO: 31-Dec-21

Project: Chapaton Pump Station Dry Weather Pump a Screen Improvements

ITEM NO	DESCRIPTION OF WORK	UNITS	UNIT PRICE	EXTENSION	F		G	H	I	J	K
					WORKS COMPLETED FROM THIS APPLICATION	THIS PERIOD					
1	Blonds, Insurance, Mobilization	1	\$ 60,500.00	\$ 60,500.00	\$ 60,500.00	\$ -	\$ -	\$ 60,500.00	100.00%	\$ -	\$ -
2	Pre-Construction Audio Video	1	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	\$ 2,500.00	100.00%	\$ -	\$ -
3	Flux Division During Construction - South Side	1	\$ 10,650.00	\$ 10,650.00	\$ 10,650.00	\$ -	\$ -	\$ 10,650.00	100.00%	\$ -	\$ -
4	Flux Division During Construction - North Side	1	\$ 10,650.00	\$ 10,650.00	\$ 10,650.00	\$ -	\$ -	\$ 10,650.00	100.00%	\$ -	\$ -
5	New Step Legs, Guides, Reinforced Stir - South Side	1	\$ 49,950.00	\$ 49,950.00	\$ 49,950.00	\$ -	\$ -	\$ 49,950.00	100.00%	\$ -	\$ -
6	New Sump Legs, Guides, Reinforced Stir - North Side	1	\$ 86,250.00	\$ 86,250.00	\$ 86,250.00	\$ -	\$ -	\$ 86,250.00	100.00%	\$ -	\$ -
7	Remove Existing Bar Rack, Install New - South Side	1	\$ 158,620.00	\$ 158,620.00	\$ 158,620.00	\$ -	\$ -	\$ 158,620.00	100.00%	\$ -	\$ -
8	Remove Existing Bar Rack, Install New - North Side	1	\$ 89,433.00	\$ 89,433.00	\$ 89,433.00	\$ -	\$ -	\$ 89,433.00	100.00%	\$ -	\$ -
9	Access Revisions in Screen Room	1	\$ 16,638.00	\$ 16,638.00	\$ 16,638.00	\$ -	\$ -	\$ 16,638.00	100.00%	\$ -	\$ -
10	Guardrail Revision in Screen Room	1	\$ 12,618.00	\$ 12,618.00	\$ 12,618.00	\$ -	\$ -	\$ 12,618.00	100.00%	\$ -	\$ -
11	LEC Trigrades in Screen Room	1	\$ 3,960.00	\$ 3,960.00	\$ 3,960.00	\$ -	\$ -	\$ 3,960.00	100.00%	\$ -	\$ -
12	Core Through Wet Well Wall	1	\$ 13,712.00	\$ 13,712.00	\$ 13,712.00	\$ -	\$ -	\$ 13,712.00	100.00%	\$ -	\$ -
13	Concrete Collar in Wet Well	1	\$ 6,203.00	\$ 6,203.00	\$ 6,203.00	\$ -	\$ -	\$ 6,203.00	100.00%	\$ -	\$ -
14	Through Wall Pipe Penetration	1	\$ 24,863.00	\$ 24,863.00	\$ 24,863.00	\$ -	\$ -	\$ 24,863.00	100.00%	\$ -	\$ -
15	North Dry Well Demolition Work	1	\$ 9,843.00	\$ 9,843.00	\$ 9,843.00	\$ -	\$ -	\$ 9,843.00	100.00%	\$ -	\$ -
16	Install New Owner Furnished Pump	1	\$ 46,247.00	\$ 46,247.00	\$ 46,247.00	\$ -	\$ -	\$ 46,247.00	100.00%	\$ -	\$ -
17	Electrical Upgrade for Added Pump	1	\$ 13,906.00	\$ 13,906.00	\$ 13,906.00	\$ -	\$ -	\$ 13,906.00	100.00%	\$ -	\$ -
18	New Concrete Pump Bases	1	\$ 5,200.00	\$ 5,200.00	\$ 5,200.00	\$ -	\$ -	\$ 5,200.00	100.00%	\$ -	\$ -
19	Reconfigure Existing Pump	1	\$ 212,044.00	\$ 212,044.00	\$ 212,044.00	\$ -	\$ -	\$ 212,044.00	100.00%	\$ -	\$ -
20	New Piping, valves, and fittings, on Wet Well	1	\$ 2,640.00	\$ 2,640.00	\$ 2,640.00	\$ -	\$ -	\$ 2,640.00	100.00%	\$ -	\$ -
21	Pressure Gauges and Assemblies	1	\$ 29,355.00	\$ 29,355.00	\$ 29,355.00	\$ -	\$ -	\$ 29,355.00	100.00%	\$ -	\$ -
22	Hy Crane Addition in North Dry Well	1	\$ 3,966.00	\$ 3,966.00	\$ 3,966.00	\$ -	\$ -	\$ 3,966.00	100.00%	\$ -	\$ -
23	Electrical Upgrade for Jib Crane	1	\$ 49,204.00	\$ 49,204.00	\$ 49,204.00	\$ -	\$ -	\$ 49,204.00	100.00%	\$ -	\$ -
24	Access Stairway	1	\$ 11,330.00	\$ 11,330.00	\$ 11,330.00	\$ -	\$ -	\$ 11,330.00	100.00%	\$ -	\$ -
25	Access Platform Revisions	1	\$ 32,540.00	\$ 32,540.00	\$ 32,540.00	\$ -	\$ -	\$ 32,540.00	100.00%	\$ -	\$ -
26	New Pressure Murhohs at EL 551 - Complete	1	\$ 1,030.00	\$ 1,030.00	\$ 1,030.00	\$ -	\$ -	\$ 1,030.00	100.00%	\$ -	\$ -
27	Gate Fill at Elevation 551	1	\$ 299.00	\$ 299.00	\$ 299.00	\$ -	\$ -	\$ 299.00	100.00%	\$ -	\$ -
28	Gate at Patch Repair Type 1	26	\$ 50.00	\$ 1,300.00	\$ 1,300.00	\$ -	\$ -	\$ 1,300.00	100.00%	\$ -	\$ -
29	Pressure Inj of Cracks Type 2A (Non-Weeping)	150	\$ 50.00	\$ 7,500.00	\$ 7,500.00	\$ -	\$ -	\$ 7,500.00	100.00%	\$ -	\$ -
30	Pressure Injection of Cracks Type 2A (Weeping)	50	\$ 400.00	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00	100.00%	\$ -	\$ -
31	Concrete Surface Repair Type 3 - Up to 1' Depth	16	\$ 400.00	\$ 6,400.00	\$ 6,400.00	\$ -	\$ -	\$ 6,400.00	100.00%	\$ -	\$ -
32	Concrete Surface Repair Type 3 - 1' to 3' Depth	10	\$ 400.00	\$ 4,000.00	\$ 4,000.00	\$ -	\$ -	\$ 4,000.00	100.00%	\$ -	\$ -
33	Concrete Surface Repair Type 3 - Greater than 3' Depth	5	\$ 400.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	100.00%	\$ -	\$ -
34	Existing Guardrail Removal Repair Type 4	15	\$ 200.00	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ 3,000.00	100.00%	\$ -	\$ -
35	Allowance for MICET Work at PLLC	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ 10,000.00	100.00%	\$ -	\$ -
Coverl	Flushboards	1	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ -	\$ -	\$ 40,000.00	100.00%	\$ -	\$ -
Coverl	Removal of Step Logs	1	\$ (136,200.00)	\$ (136,200.00)	\$ (136,200.00)	\$ -	\$ -	\$ (136,200.00)	100.00%	\$ -	\$ -
SUB TOTALS					\$ 1,066,272.00	\$ 654,442.64	\$ 32,185.34	\$ 986,628.00	92.55%	\$ 79,644.00	\$ -



ONESolution
ACCOUNTS PAYABLE CHECK REQUEST
PUBLIC WORKS DIVISION

Mark A. Hackel
 County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/19/21
4. SET ID VP210124MB		
5. POST DATE		

PARENT RECORD INFORMATION				
6. VENDOR NAME (Check to be Issued to) Kennedy Industries	7. VENDOR NUMBER V11826	8. ADDR CODE 04	9. Invoice No (MAX = 16 CHARACTERS) 622862	10. Invoice Date 12/29/2020
				11. Invoice Amount \$ 3,615.00

CHILD RECORD DETAIL INFORMATION									
Line	General Ledger		Job Ledger		17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object					
A	8200017M	93002	CC0004	93002	8 1/2 Mile Relief	Job #0108052; 12/14/20	\$ 3,615.00	GEN	
B									
C									
D									
E									
F									
G									

23. Total: \$ **3,615.00** REV/09/2016

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
 Start up Pump (1) Pump

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



KENNEDY INDUSTRIES

INNOVATE
SOLVE
MONITOR
REPAIR

INVOICE		
DATE	NUMBER	PAGE
12/29/2020	622682	1 of 1

B MAC152
I MACOMB COUNTY PUBLIC WORKS
L 21777 DUNHAM RD.
L CLINTON TWP, MI 48036
T
O

S MACOMB COUNTY PUBLIC WORKS
H 21777 DUNHAM RD.
I CLINTON TWP, MI 48036
P
T
O

ATTENTION:
GREG BARANSKI 248-996-2295 greg@jfcav.com

CUSTOMER REF/PO #	JOB #	JOB TITLE	SLP	SHIPPING TYRE
VERBAL GREG B.	0108052	9 MILE /CHAPATON, FIELD SERVICE, WASTE WATER	KES/CJD	FIELD SERVICE

QUANTITY		PART NO.	DESCRIPTION	UNIT PRICE	EXTENDED
B/O	Ship				
0.00	8.00	MAC152CHAPATON	MACOMB CO PW, CHAPATON STATION KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN(S) ONSITE ON 12-14-20 @ STANDARD RATES.	\$135.00	\$1,080.00
0.00	2.00	MAC152CHAPATON	MACOMB CO PW, CHAPATON STATION KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN(S) ONSITE ON 12-14-20 @ OVERTIME RATES. PLEASE SEE THE ATTACHED SERVICE REPORT.	\$202.50	\$405.00
0.00	1.00	TRAVEL	SERVICE VEHICLE ON 12/14/20	\$120.00	\$120.00
0.00	7.00	MAC152CHAPATON	MACOMB CO PW, CHAPATON STATION KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN(S) ONSITE ON 12-23-20. - PUMP #2	\$135.00	\$945.00
0.00	7.00	MAC152CHAPATON	MACOMB CO PW, CHAPATON STATION KENNEDY INDUSTRIES PROVIDED (1) FIELD SERVICE TECHNICIAN(S) ONSITE ON 12-23-20. -PUMP #3 PLEASE SEE THE ATTACHED SERVICE REPORT.	\$135.00	\$945.00
0.00	1.00	TRAVEL	SERVICE VEHICLE ON 12/23/20	\$120.00	\$120.00

PLEASE REMIT TO:
KENNEDY INDUSTRIES, INC.
P.O. BOX 930079
WIXOM, MI 48393

<p>This invoice is subject to and incorporates by reference Kennedy Industries, Inc.'s ("Kennedy") Terms & Conditions (Rev'd 4/2019) and Customer Warranty available at www.kennedyind.com which will be provided by email upon written request. Buyer expressly agrees to the provisions set forth in the Terms & Conditions and Customer Warranty posted on Kennedy's website.</p> <p>*TERMS OF PAYMENT ARE NET 30 DAYS FROM DATE OF INVOICE *A 7% PER ANNUM SERVICE CHARGE SHALL BE APPLIED TO ANY BALANCE *CREDIT CARD PAYMENTS ARE SUBJECT TO AN ADDITIONAL 3% CHARGE</p>	SUBTOTAL:	\$ 3,615.00
	TAX:	\$ 0.00
	TOTAL:	\$ 3,615.00

P.O. Box 930079 Wixom, MI 48393 - 4925 Holtz Drive Wixom, MI 48393 - Phone: 248-684-1200 - Fax: 248-684-6011



KENNEDY
INDUSTRIES

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REPAIR

P.O. Box 930079 • Wixom, MI 48393
4925 Holtz Drive • Wixom, MI 48393
Phone: (248) 684-1200 • Fax: (248) 684-6011

FIELD SERVICE REPORT

DATE: 12-14-20 TECHNICIAN: GLENN.S CUSTOMER: MACOMB COUNTY PUBLIC WORKS

WO #: 108052-001 JOB TYPE: FIELD SERVICE STATION: 9 MILE /CHAPATON

WORK SCOPE AND TOOLS NEEDED:

ONSITE START TIME: 8:00AM

-START UP (1) PUMP

DO START-UP ON PUMPS AND THE PRIMEX ENCLOSURE THAT HAS THE MAS711 BASE UNIT INSTALLED.

WORK PERFORMED:

- onsite got with J.F CAVANAUGH and rotor elc.
- working n pump #4, pump #3 still waiting on new soft start.
- pipe fitters still working on pump base and grouting.
- got with electrician, given permission to land pump communication wires.
- landed wires, then applied 110volt panel power.
- went thru mas setup, copied from PM to Mas.
- went through settings with integrator, hooked computer up and changed node address to 4 and baud rate to 1200
- beldon wire not yet ran for modbus communications. To be done at a later time.
- landed go contact relay.
- talk about who is starting up soft start panel not provided by us.
- rotor elc. Got their guy to come out.
- while waiting, insured isolation valves closed.
- removed side inspection cover to check rotation.
- CAVANAUGH finished tightening up bolts.
- ran into issues with soft start start up.
- ran in bypass, rotation was wrong, switched now cw.
- more soft start issues and late in the day.
- did not get chance to open valves, vent air and test run pump.
- reinstalled inspection cover, turned off disconnect.

STATION PUT BACK IN AUTO:



KENNEDY
INDUSTRIES

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REPAIR

P.O. Box 930079 • Wixom, MI 48393
4925 Holtz Drive • Wixom, MI 48393
Phone: (248) 684-1200 • Fax: (248) 684-6011

FIELD SERVICE REPORT

DATE: 12-23-20 TECHNICIAN: GREG.P CUSTOMER: MACOMB COUNTY PUBLIC WORKS

WO #: 108052-004 JOB TYPE: FIELD SERVICE STATION: 9 MILE /CHAPATON

WORK SCOPE AND TOOLS NEEDED:

ONSITE START TIME: AFTER CHAPATON PMA

- CALL CUSTOMER WHEN HEADING TO SITE
- START UP PUMP #3
- SOFT START ISSUES FROM REVIIOUS REPORT HAVE BEEN CORRECTED FOR PUMP 3
- TAKE A PICTURE OF EVERY PUMPTAG ON SITE.. WE WANT TO MAKE A LIST OF ALL PUMPS ONSITE ON BOM

WORK PERFORMED:

- ARRIVED ON SITE.
- MET WITH J.F CAVANAUGH AND COLVILLE ELEC.
- DID ELECTRICAL PRE-CHECKS ON BOTH PUMPS.
- VERIFIED P3 READY TO OPERATE.
- HAD OPERATOR START P3 FROM SCADA.
- VIB READINGS WERE .09 AXIAL AT THE DISCHARGE AND .06 HORZ FROM TOP OF PUMP
- COMPLETED START UP.
- HAD TO WAIT FOR CONTRACTOR THAT INSTALLED P4 TOO ARRIVE ON SITE. WHILE WAITING STARTED PAPERWORK.
- 1215 ROTOR ELEC FINALLY ARRIVED FOR START UP OF P2.
- STARTED P2 IN HAND DUE TO SCADA NOT WIRED IN AT THIS TIME.
- VIB READINGS WERE .07 AXIAL AT THE DISCHARGE AND .06 HORZ FROM TOP OF PUMP.
- COMPLETED START UP.

STATION PUT BACK IN AUTO:



ONESolution
ACCOUNTS PAYABLE CHECK REQUEST
PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/11/21
4. SET ID VP210112MA		
5. POST DATE		

6. VENDOR NAME (Check to be issued to) Macomb County Treasurer		7. VENDOR NUMBER V01085	8. ADDR CODE 03	9. Invoice No (MAX = 16 CHARACTERS) 19498-Benda	10. Invoice Date 12/31/2020	11. Invoice Amount \$ 26,861.00
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CHILD RECORD DETAIL INFORMATION											
LINE	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	OPTIONAL		19. Amount	20. DIV	21. MISC	22. Sep CK
						17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)				
A	8200017M	95145	CC0004	95145	WO18006	8 1/2 Mile Relief	Reimb Eq Fund - 2020 Ford Truck	\$ 20,145.75	IPWK		
B	8200072M	95145				Martin	Reimb Eq Fund - 2020 Ford Truck	\$ 4,029.15	IPWK		0
C	8703018M	95145			WO18218	SEMCWWDS(BH)	Reimb Eq Fund - 2020 Ford Truck	\$ 1,343.05	IPWK		0
D	8703018M	95145			WO18219	SEMCWWDS (V)	Reimb Eq Fund - 2020 Ford Truck	\$ 1,343.05	IPWK		0
E	651										
F											
G											

23. Total: \$ **26,861.00** REV 09/2016

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer:	<i>Dmlmk</i>	30. Drain:	Multiple
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	1/19/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	

CANDICE S. MILLER

MACOMB COUNTY PUBLIC WORKS COMMISSIONER

21777 Dunham

Clinton Twp, Michigan 48036

Phone: (586) 469-5325

Invoice No. 19498-Benda

INVOICE

Customer

Name Eight Half Mile (Chapaton) #0017

Date 12/31/2020

Address _____

City _____

Description	TOTAL
Reimburse Equipment Fund for vehicle purchase for Chapaton 2020 Ford 1FTEX1EB8LKF19498	\$26,861.00
PLEASE MAKE CHECK PAYABLE TO: Macomb County Public Works	
TOTAL	\$26,861.00

For Office Use Only:

Date Received _____
Amount Received _____
Check No. _____
Deposit Date _____
Receipt No. _____
Voucher No./Date _____

Due Upon Receipt

8 1/2 \$ 20,145.75
Martin \$ 4,029.15
Bonkers \$ 1,343.05
Violet \$ 1,343.05

BY: *Bruce Manning*
Bruce Manning Financial Manager

Michigan Department of State Application for Title and Registration

DEAL# 102866
CUST# 53222

Statement of Vehicle Sale

For Department Use Only

Purchase Date 10/13/2020 Stock Number BW623
Delivery Date 10/13/2020 Base MSRP 41245.00

20-468

K Bender

Dealer: **OWOSSO MOTORS, INC.**
Street Address: **1960 E MAIN**
City: **OWOSSO**
County: **SHIAWASSEE** State: **MI** ZIP Code: **48867**
Dealer License Number **A0908** Sales Tax License Number **382821557** Phone Number **989-725-2888**

Plate Number _____ Plate Expiration Date: _____
Month _____ Day _____ Year _____
Months _____ New Plate
 Renewal
 Transfer

Year **2020** Make **FORD** Body Style **PU-M** Plate Code **1** County Code **50**

Vehicle Identification Number (VIN) **1FTEX1EB8LKF19498** Fee Category or Weight **36** License Plate Fee **N/A**

Vehicle Sold: New Used Demo Trade-In Yes No

Driver's License or PID Number of All Owners or Lessees
1) _____ 3) _____ Title Fee **15.00**

Trade-In Year _____ Trade-In Make _____ Vehicle Identification Number (VIN) _____

2) _____ County of Residence **MACOMB** Title Late Fee **N/A**

Vehicle Registration to Transfer Plate
Expires 15 Days After Delivery Date

Complete Names and Address of All Owners or Lessor
MACOMB COUNTY Sales Tax **N/A**

Plate Transferred From: Year _____ Make _____

120 N MAIN ST Plate Transfer Fee **N/A**
MOUNT CLEMENS MI 48043-5605

Vehicle Identification Number (VIN): _____ Plate Number: _____ Temp. Expiration Date: _____

Complete Names and Address of All Lessees
Total - Transfer to Line 5 **15.00**

Vehicle History and Title Brand Disclosure
 Police Vehicle Vehicle Has Been Flood Damaged
 Municipal Vehicle Salvage Title Was Previously Issued
 Taxi N/A

Full Rights to Survivor Yes No

Michigan No-Fault Insurance Company Policy or Binder Number _____

Odometer Mileage Disclosure
The odometer mileage reading must match the mileage reading disclosed to the purchaser on the title or mileage statement.

Secured Interest: **N/A** Lien Filing Date: **10/13/2020**
Street Address: **N/A** ELT UID: _____
City, State, ZIP: **N/A** Mail Title Upon Lien Release

0 0 0 0 1 0 No Tenths Actual Mileage Exempt
 Not Actual Mileage

Dealer Installed Accessories When Optional to Purchaser: I have selected and agree to pay the OPTIONAL \$24 CVR electronic filing fee Customer Initials _____

1. Purchase Price of Vehicle (Including Freight & Accessories) **26846.00**
2. Other Taxable Charges (Documentary, Service, Temp. Reg. Fees, etc.) **N/A**
2a. Optional Electronic \$24 Filing Fee **N/A**
3. Trade-In Sales Tax Credit **N/A**
4. Total Taxable Price (Line 1 + Line 2 + Line 2a - Line 3) **26846.00**
5. Sales Tax + Plate Fee + Title Fee (From Total Above) **15.00**
6. Non-Taxable Charges (Labor, Service Contract, etc.) **N/A**
7. Total Delivered Price (Line 1 + Line 2 + Line 2a + Line 5 + Line 6) **26861.00**
8. Cash on Deposit **N/A**
9. Cash Due on Delivery **26861.00**
10. Trade-In \$ **N/A**
11. Minus Lien \$ **N/A**
12. Total Down Payment **26861.00**
13. Unpaid Balance To Be Financed **N/A**
14. Insurance Premium Charge* **N/A**
15. Total Amount Of Finance Contract **N/A**

Remarks:
TITLE ONLY DELIVERED BY DEALER
GOV'T OWNED

*Warning: This Insurance is not PL/PD No-Fault Insurance required by Michigan law.
 Credit Life Insurance Health & Accident Insurance
 Gap or Waiver _____

Recreation Passport? Yes No Purchaser or Lessee's Initials: _____

I certify this vehicle was delivered to the named purchaser or lessee on the delivery date indicated above, all information on this form is accurate and the vehicle is subject only to the secured interest listed on this form. I certify the dealership will apply for title and registration in the purchaser's name within 15 days of the delivery date.

Margaret Shepard AGENT Title
Signature of Dealer's Agent
MARGARET SHEPARD
Printed Name of Dealer's Agent

15-Day Temporary Registration Number _____ Temporary Fee Charged Yes No

Printed Name of Person Issuing Temporary Registration
CAMPBELL, WILLIAM

Purchaser Warning: Do Not Sign a Blank Form
I am purchasing or leasing this vehicle and am applying for a Michigan certificate of title and registration or, if the lessee, applying for a registration. I certify that my driver's license is not suspended, revoked, or denied as a repeat offender and I am eligible to purchase or register this vehicle. I further certify that if a tax exemption is shown above it is valid.

Purchaser or Lessor's Signature 10/13/2020 Date N/A Co-Purchaser's Signature N/A Date N/A Co-Purchaser's Signature N/A Date
 Lessee's Signature N/A Date N/A Co-Lessee's Signature N/A Date N/A Co-Lessee's Signature N/A Date

For more information, contact the Department of State Information Center at 888-767-6424.



Signature Ford, L-M

1960 E. Main Street
Owosso, MI 48867
888-92-FLEET fax 517-625-5832

Invoice No. BW622

INVOICE

Customer

Name Macomb County, Finance Dept.
Address 120 N. Main Street, 2nd Floor
City Mt. Clemens State MI ZIP 48043
Phone 586-469-5786 Attn: Accounts Payable

Date 10-13-2020
Order No. CP200712
Rep Bill Campbell
FOB Owosso, MI

Qty	Description	Unit Price	TOTAL
2	Bid requires payment within 10 days of delivery or 1.5% will be charged back to buyer. 2020 FORD F150 4X4 SUPERCAB PICKUP VIN:1FTEX1EB6LKF19497 1FTEX1EB8LKF19498 <i>20-467</i> <i>20-468</i>	\$26,861.00	\$53,722.00
RECEIVED BY AND DATED: _____			

Payment Details

- Cash
- Check
- Credit Card

Name _____
CC # _____
Expires _____

SubTotal	\$53,722.00
Shipping & Handling	\$0.00
Taxes MI	\$0.00
TOTAL	\$53,722.00

Office Use Only

1.5% due if not paid within 10 days from delivery of vehicle

Thank You for you order



COUNTY OF MACOMB
 PURCHASING DEPARTMENT
 120 N. MAIN, 2ND FLOOR
 MOUNT CLEMENS, MI. 48043-5822
 (586) 469-5255

PURCHASE ORDER NO.
CP200712
 PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES AND SHIPPING DOCUMENTS.

VENDOR:

SIGNATURE/FORD
 APTN BILL CAMPBELL
 3942 WEST LANSING ROAD
 PERRY, MI 48872

DELIVER TO:

CENTRAL RECEIVING
 44900 Vic Wertz Dr
 CLINTON TOWNSHIP, MI 48036

PO Date 06/11/20		Vendor # V04524	Req. # RA040718	Bid/Contract #	Ship Via	Date Required
Confirming <input type="checkbox"/> yes <input type="checkbox"/> no		Buyer ANTHONY TORELI		Terms NET 30	Department Purchasing	
ITEM	KEY/OBJ	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
		XL MID PACKAGE 101A/53A/C - \$2,500 REVERSE SENSING SYSTEM 76R - \$275 DAYTIME RUNNING LIGHTS - 942 - \$50 SPRAY IN BEDLINER - 96W - \$495 PLEASE FAX TO BILL CAMPBELL AT 517-625-5832 - EMAIL TO: TAMMY.GOIKE@MACOMBGOV.ORG BCAMPBEL@SIGNATUREAUTOGROUP.C OM				
					TOTAL	106,208.00

MACOMB COUNTY IS A NONTAXABLE GOVERNMENT UNIT FEIN# 38-6004868

BILL TO:

FINANCE DEPARTMENT
 (586) 469-5251
 2ND FLOOR
 120 N MAIN
 MOUNT CLEMENS, MI 48043

PURCHASING MANAGER/AUTHORIZED AGENT

- k) Purchase: Signature Ford - Four (4) 2020 F150 Trucks (\$106,308) / Brian Baker, Chief Deputy, Public Works Office

approve the purchases from Signature Ford for four (4) F150 trucks in the total amount of \$106,308 for Public Works. Funding is available from the Chapter 20 Drain Boards.

This action does not constitute the Commission's approval of a budget amendment and does not otherwise change or amend any other budget provision or requirement, including but not limited to the provisions and requirements of Ordinance 2018-05. Any budget amendment required for this contract/purchase/agreement must be sought separately. A copy of this Board of Commissioners' action is directed to be delivered forthwith to the Office of the County Executive.

Motion to adopt Public Services Committee recommendations (a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k).

THE MOTION PASSED.

Motioned by: Jim Carabelli

Seconded by: Elizabeth Lucido

Vote Summary: (13 - 0 - 0)

Aye - Andrey Duzyj, Marv Sauger, Veronica Klinefelt, Joseph V. Romano, Robert Mijac, Jim Carabelli, Don Brown, Phil Kraft, Elizabeth Lucido, Rob Leonetti, Harold L. Haugh, Bob Smith, Leon Drolet

Nay - None

Abstain - None

10. Finance, Audit, and Budget Committee Recommendations Chair Veronica Klinefelt, Vice-Chair Jim Carabelli

- a) Purchase of Military Service Time: Roger A. Zinke (5 months)

Motion to authorize Roger A. Zinke to purchase five (5) months of military service time in the Macomb County Employees' Retirement System under State Law MCLA 46.12a(14).

THE MOTION PASSED.

Motioned by: Jim Carabelli

Seconded by: Marv Sauger

Vote Summary: (13 - 0 - 0)

Aye - Andrey Duzyj, Marv Sauger, Veronica Klinefelt, Joseph V. Romano, Robert Mijac, Jim Carabelli, Don Brown, Phil Kraft, Elizabeth Lucido, Rob Leonetti, Harold L. Haugh, Bob Smith, Leon Drolet

Nay - None

Abstain - None

- b) **Bypassed Item**

Proposal: JP Morgan - Underwriting Services for Series 2020 Bonds (\$433,230.74) / Steve Smigiel, Director of Finance

- c) **Bypassed Item**

Contract: PFM Financial Advisors, LLC - Municipal Financial Advisory Services for Series 2020 Bonds (\$125,000) / Steve Smigiel, Director of Finance

XL 100A Regular Cab 8 Ft. Box

[]	Base Price F1C 4x2 (3.3L PFDI V6 engine 6100 GVWR 1900 PAYLOAD) 99B/446 (T.1)	\$19,823.00
[]	Base Price F1C 4x2 (2.7L V6 EcoBoost™ engine 6100 GVWR 1800 PAYLOAD) 99P/44G	\$20,818.00
[]	Base Price F1C 4x2 (5.0L 4V FFV V8 engine 6750 GVWR 2360 PAYLOAD) 99S/44G (T.2)	\$21,818.00
[]	Base Price F1C 4x2 (3.5L V6 EcoBoost™ engine 7050 GVWR 2060 PAYLOAD) 99A/44G	\$22,418.00
[]	Base Price F1E 4x4 (3.3 PFDI V6 engine 6100 GVWR 1670 PAYLOAD) 99B/446	\$22,923.00
[]	Base Price F1E 4x4 (2.7L V6 EcoBoost™ engine 6250 GVWR 1700 PAYLOAD) 99P/44G	\$23,918.00
[x]	Base Price F1E 4x4 (5.0L 4V FFV V8 engine 6950 GVWR 2300 PAYLOAD) 99S/44G (T.3)	\$24,918.00
[]	Base Price F1E 4x4 (3.5L V6 EcoBoost™ engine 7050 GVWR 2330 PAYLOAD) 99A/44G	\$25,518.00

XL 100A Super Cab 6.5 Ft. Box

[]	Base Price X1C, 4x2 (3.3L PFDI V6 engine 6100 GVWR 1680 PAYLOAD) 99B/446	\$21,363.00
[]	Base Price X1C, 4x2 (2.7L V6 EcoBoost™ engine 6250 GVWR 1740 PAYLOAD) 99P/44G	\$22,358.00
[]	Base Price X1C, 4x2 (5.0L 4V FFV V8 engine 6900 GVWR 2330 PAYLOAD) 99S/44G	\$23,358.00
[]	Base Price X1C, 4x2 (3.5L V6 EcoBoost™ engine 6900 GVWR 2280 PAYLOAD) 99A/44G	\$23,958.00
[]	Base Price X1E, 4x4 (3.3L PFDI V6 engine 6300 GVWR 1660 PAYLOAD) 99B/446	\$23,591.00
[]	Base Price X1E, 4x4 (2.7L V6 EcoBoost™ engine 6500 GVWR 1740 PAYLOAD) 99P/44G	\$24,586.00
[]	Base Price X1E, 4x4 (5.0L 4V FFV V8 engine 7050 GVWR 2230 PAYLOAD) 99S/44G	\$25,586.00
[]	Base Price X1E, 4x4 (3.5L V6 EcoBoost™ engine 7050 GVWR 2170 PAYLOAD) 99A/44G	\$26,186.00

XL 100A Super Cab 8 Ft. Box

[]	Base Price X1C, 4x2 (2.7L V6 EcoBoost™ engine 6500 GVWR 1910 PAYLOAD) 99P/44G	\$22,482.00
[]	Base Price X1C, 4x2 (5.0L 4V FFV V8 engine 7000 GVWR 2330 PAYLOAD) 99S/44G	\$23,333.00
[]	Base Price X1C, 4x2 (3.5L V6 EcoBoost™ engine 7050 GVWR 2290 PAYLOAD) 99A/44G	\$23,845.00
[]	Base Price X1E, 4x4 (5.0L 4V FFV V8 engine 7000 GVWR 2060 PAYLOAD) 99S/44G	\$25,847.00
[]	Base Price X1E, 4x4 (3.5L V6 EcoBoost™ engine 7050 GVWR 2030 PAYLOAD) 99A/44G	\$26,358.00

XL 100A Heavy Duty Payload Package (627) 8 Ft. Box

Package Includes: 17" Silver Steel Heavy Duty Wheels, Upgraded springs, radiator and auxiliary transmission oil cooler, 9.75" gear set, 3.73 Electronic Locking Rear Axle, Trailer Towing package, and LT245/70R17E BSW All-Terrain Tires.

Regular Cab Heavy Duty Payload Package

[]	Base Price F1C, 4x2 (5.0L 4V FFV V8 engine 7600 GVWR 3070 PAYLOAD) 99S/44G	\$23,777.00
[]	Base Price F1C, 4x2 (3.5L V6 EcoBoost™ engine 7600 GVWR 3040 PAYLOAD) 99A/44G	\$25,009.00
[]	Base Price F1E, 4x4 (5.0L 4V FFV V8 engine 7600 GVWR 2680 PAYLOAD) 99S/44G	\$26,676.00
[]	Base Price F1E, 4x4 (3.5L V6 EcoBoost™ engine 7600 GVWR 2820 PAYLOAD) 99A/44G	\$27,358.00

Super Cab Heavy Duty Payload Package

[]	Base Price X1C, 4x2 (5.0L 4V FFV V8 engine 7600 GVWR 2790 PAYLOAD) 99S/446G	\$25,120.00
[]	Base Price X1C, 4x2 (3.5L V6 EcoBoost™ engine 7600 GVWR 2770 PAYLOAD) 99A/44G	\$25,802.00
[]	Base Price X1E, 4x4 (5.0L 4V FFV V8 engine 7600 GVWR 2540 PAYLOAD) 99S/44G	\$27,634.00
[]	Base Price X1E, 4x4 (3.5L V6 EcoBoost™ engine 7600 GVWR 2520 PAYLOAD) 99A/44G	\$28,315.00

Colors & Trim Availability:

<u>Exterior</u>		<u>Interior</u>
		<u>(Med. Earth Grey)(AG)</u>
Agate Black	(UM)	[]
Oxford White	(YZ)	[x]
Magnetic	(J7)	[]
Race Red	(PQ)	[]
Blue Jeans	(N1)	[]
Ingot Silver	(UX)	[]
Stone Gray	(D1)	[]
Velocity Blue	(E7)	[]
SPECIAL PAINT		
School Bus Yellow Add \$660.00	[B1]	[]
Omaha Orange Add \$660.00	[MB]	[]



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/9/21
4. SET ID VP210112MA		
5. POST DATE		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) Motor City Electric Technologies	7. VENDOR NUMBER V17465	8. ADDR CODE 02	9. Invoice No (MAX = 16 CHARACTERS) 93378
		10. Invoice Date 12/23/2020	11. Invoice Amount 757.50

CHILD RECORD DETAIL INFORMATION												
Line	General Ledger	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	OPTIONAL		19. Amount	20. DIV	21. MISC	22 Sep CK
							17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)				
A		8200017M	93002	CC0014	93002	WO18006	8 1/2 Mile Relief	Job #921501, 12/4/20	\$ 757.50	GEN		
B												
C												
D												
E												
F												
G												

23. Total: \$ **757.50** REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Air Handler unit on the roof turns on in auto but does not turn off after the specified setpoint of 8 minutes.

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile Relief
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	1/19/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	



MOTOR CITY ELECTRIC TECHNOLOGIES INC.

AUTOMATION AND CONTROLS SOLUTIONS

9440 GRINNELL

DETROIT, MI 48213-1151

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

AN EQUAL OPPORTUNITY EMPLOYER

INVOICE

100% 8 1/2

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

Customer
PO Number

Job Number	Sub Job	Contract Number	Date Performed	Application Date	Application Number
921501	0	001	12/3/2020	12/23/2020	93378

BRENT WELSER

Tr No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC. T&M	\$757.50	-	\$757.50	\$757.50	-	-
Totals:		\$757.50		\$757.50	\$757.50		
Less Retained:							
Invoice Total:				\$757.50			

DED ELECTRICAL AND ENGINEERING SERVICE

TACHED INVOICE SUMMARY AND FIELD REPORT

PERFORMED 12/3/2020

electrical construction

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



Invoice Summary

Macomb County Public Works

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

Job No: 921501
Invoice No: 93378
Invoice Date: 12/23/2020

Invoice Detail

INVOICE DETAIL	ST HRS	OT HRS	DT HRS	COST	TAX	MARKUP	OH & P	INVOICE TOTAL
Labor	8.00	1.50		\$757.50		\$0.00	\$0.00	\$757.50
Invoice Totals:	8.00	1.50		\$757.50		\$0.00	\$0.00	\$757.50

Invoice Detail by Field Report

12/3/2020 · Chapaton

Report Number: G201203-2100	ST HRS	OT HRS	DT HRS	COST	TAX	MARKUP	OH & P	REPORT TOTAL
Labor	8.00	1.50		\$757.50		\$0.00	\$0.00	\$757.50
Report Totals:	8.00	1.50		\$757.50		\$0.00	\$0.00	\$757.50



9440 GRINNELL, DETROIT, MI 48213-1151

FIELD REPORT
MOTOR CITY ELECTRIC TECHNOLOGIES

REPORT NO: G201203-
210052

CUSTOMER: Macomb County Public Works DATE: 12/3/2020 MCE JOB NO: 921501 SHEET OF

LOCATION OF WORK: Chapaton CUSTOMER ORDER NO:

WORK PERFORMED:

Air Handler unit on the roof turns on in auto but does not turn off after the specified setpoint of 8 minutes. I tried to localize the air handler unit and were able to make it communicate locally but when we wired the plc cable to it we lost communications. More debug will be needed. Going to try a different RS-232 to RS-484 converter and see if that makes a difference.

LABOR

LABOR CLASSIFICATION / NAME	STRAIGHT TIME			TIME AND ONE HALF			DOUBLE TIME			TOTAL
	HRS	RATE	COST	HRS	RATE	COST	HRS	RATE	COST	
									<i>Subtotal:</i>	<i>\$757.50</i>
Engineer-Controls/PLC/SCADA										
Wysocki, Adam	8.00	\$75.00	\$600.00	1.50	\$105.00	\$157.50		\$135.00	\$0.00	\$757.50
									TOTAL:	\$757.50

REPORT SUMMARY	ST HRS	OT HRS	DT HRS	COST	TAX	MARKUP	OH & P	REPORT TOTAL
Labor	8.00	1.50		\$757.50		\$0.00	\$0.00	\$757.50
REPORT TOTALS:	8.00	1.50		\$757.50		\$0.00	\$0.00	\$757.50



FIELD REPORT

G 921501 201203 210052
 Job No YMMDD HHMMSS

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

CUSTOMER: Macomb County Public Works DATE: December 3, 2020 JOB NO: 921501 SHEET 1 OF 2

LOCATION OF WORK: Chapaton West CUSTOMER ORDER NO: _____

WORK PERFORMED: Air Handler unit on the roof turns on in auto but does not turn off after the specified setpoint of 8 minutes. I tried to
(BE AS DESCRIPTIVE AS POSSIBLE)
localize the air handler unit and were were able to make it communicate locally but when we wired the plc cable to it we lost
communications. More debug will be needed. Going to try a different RS-232 to RS-484 converter and see if that makes a difference.

LABOR

	NAME	CLASSIFICATION	STRAIGHT TIME	TIME AND ONE HALF	DOUBLE TIME	SHIFT	COMMENTS
1	Adam Wysocki	ENGINEER	8.00	1.50		1	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
TOTAL HOURS			8.00	1.50			

EQUIPMENT

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



FIELD REPORT

G 921501 - 201203 210052
Job No YYMMDD HHMMSS

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

CUSTOMER: Macomb County Public Works DATE: December 3, 2020 JOB NO: 921501 SHEET 2 OF 2

MATERIALS

QTY	DESCRIPTION	PRICE	PER	EXTENSION
0	na	\$0.00		\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
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				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
LOT	EXPENDABLES		LOT	
MATERIAL TOTAL				\$0.00

BY: _____ DATE _____
(SUPERVISOR SIGNATURE)

Adam Wysocki
(PRINT NAME)

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

BY: _____ DATE _____
(AUTHORIZED SIGNATURE)

na
(PRINT NAME)

Macomb County Public Works



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/9/21
4. SET ID VP210112MA		
5. POST DATE		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be issued to) Motor City Electric Technologies	7. VENDOR NUMBER V17465	8. ADDR CODE 02	9. Invoice No (MAX = 16 CHARACTERS) 93376
		10. Invoice Date 12/23/2020	11. Invoice Amount \$ 525.00

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		15. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object							
A	8200017M	93002	CC0014	93002	WO18006	8 1/2 Mile Relief	Job #921501, 12/4/20	\$ 525.00	GEN		
B											
C											
D											
E											
F											
G											

23. Total: \$ 525.00 REV 09/20/15

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

Debugged communication problem between energy PLC and rooftop air handler

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile
26. Chief Deputy:		31. Project Balance:	N/A
27. Engineers:		32. Staff Date:	1/19/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	



MOTOR CITY ELECTRIC TECHNOLOGIES INC.
 AUTOMATION AND CONTROLS SOLUTIONS
 9440 GRINNELL
 DETROIT, MI 48213-1151
 PHONE (313) 921-5300 FAX (313) 921-5310
 AN EQUAL OPPORTUNITY EMPLOYER

10090 8 1/2

INVOICE

Job Number	921501	Sub Job	0	Contract Number	001	Date Performed	12/4/2020	Application Date	12/23/2020	Application Number	93376
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13030 MACOMB COUNTY PUBLIC WORKS
 21777 DUNHAM ROAD
 CLINTON TOWNSHIP, MI 48036

BRENT WELSER

Item No	Description of Work	Contract Amount	Previous Billings	Current Amount	To Date Complete & Stored	Balance To Finish	Current Retainage
001	MISC. T&M	\$525.00	-	\$525.00	\$525.00	-	-
Totals:		\$525.00		\$525.00	\$525.00		
Less Retained:							
Invoice Total:				\$525.00			

DED ELECTRICAL AND ENGINEERING SERVICE

ATTACHED INVOICE SUMMARY AND FIELD REPORTS

PERFORMED 12/4/2020

electrical construction

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



Invoice Summary

Macomb County Public Works

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

Job No: 921501
Invoice No: 93376
Invoice Date: 12/23/2020

Invoice Detail

INVOICE DETAIL	ST HRS	OT HRS	DT HRS	COST	TAX	MARKUP	OH & P	INVOICE TOTAL
Labor	7.00			\$525.00		\$0.00	\$0.00	\$525.00
Invoice Totals:	7.00			\$525.00		\$0.00	\$0.00	\$525.00

Invoice Detail by Field Report

12/4/2020 Chapaton

Report Number: G201208-1221	ST HRS	OT HRS	DT HRS	COST	TAX	MARKUP	OH & P	REPORT TOTAL
Labor	7.00			\$525.00		\$0.00	\$0.00	\$525.00
Report Totals:	7.00			\$525.00		\$0.00	\$0.00	\$525.00



FIELD REPORT

G 921501-201208-122140
 Job No YMMDD HHMMSS

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

CUSTOMER: Macomb County Public Works DATE: December 4, 2020 JOB NO: 921501 SHEET 1 OF 2

LOCATION OF WORK: Chapaton Energy systems/Air handler/Boiler CUSTOMER ORDER NO: _____

WORK PERFORMED: Debugged communication problem between energy PLC and rooftop air handler. Researched trends and found boiler to be offline for a couple year, solar for offline for about a month, air handler was offline for a couple weeks. Investigated modbus logic but found no issues. Removed solar inverters from Scan. Went to site to debug modbus network. After much troubleshooting, was able to get connected via RS232/422 converter and laptop when locally at air handler. Once connected to cabling inside building could no longer get a modbus connection. Returned the next day with spare converter and 12vdc power supply. Connection to air handler was OK using spare converter and power supply. Results intermittent when not using power supply. Reconnected boiler to network and added back into scan. Verified boiler data on trend.

LABOR

	NAME	CLASSIFICATION	STRAIGHT TIME	TIME AND ONE HALF	DOUBLE TIME	SHIFT	COMMENTS
1	Darin Gilbert	ENGINEER	4.00	0.00	0.00	1	Thursday
2	Darin Gilbert	ENGINEER	3.00	0.00	0.00	1	Friday
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
TOTAL HOURS			7.00	0.00	0.00		

EQUIPMENT

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



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST
PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/20/21
4. SET ID VP210124MB		5. POST DATE

PARENT RECORD INFORMATION				
6. VENDOR NAME (Check to be issued to) Teledyne Instruments, Inc.	7. VENDOR NUMBER V54617	8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) S020442345	10. Invoice Date 1/14/2021
				11. Invoice Amount 1,460.00

CHILD RECORD DETAIL INFORMATION												
Line	General Ledger	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
A	8200017M	93002	93002	CC0004	93002	WO18006	8 1/2 Mile Relief	PW000128; SNSR ASSY	\$ 1,425.00	GEN		
B	8200017M	72903	72903	CC0004	72903	WO18006	8 1/2 Mile Relief	PW000128; Shipping	\$ 35.00	GEN		0
C												
D												
E												
F												
G												

23. Total: \$ **1,460.00** REV 09/2018

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:

25. Finance Officer: **BM/mh** 30. Drain: **8 1/2 Mile Relief**

26. Chief Deputy: _____ 31. Project Balance: **N/A**

27. Engineers: _____ 32. Staff Date: **2/2/2021**

28. Managers: _____ 33. Board Date: **2/8/2021**

29. Coordinator: _____ 34. Select For Pay Date: _____



TELEDYNE INSTRUMENTS, INC.

Everywhere you look™

Federal ID: 95-4888283

Page 1 of 1

Remit to:	12497 Collections Center Drive Chicago, IL 60693 ABA# 121-000-358 Acct# 12331-07806
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Sold To:	Macomb County Public Works Commissioner 21777 Duham Road CLINTON, MI 48036
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Invoice

Bill To:	Macomb County Public Works Commissioner 21777 Duham Road CLINTON, MI 48036
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Ship To:	DPWK Public Works Office Chapaton Pump Station 23001 9 Mile Road Saint Clair Shores, MI 48080
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Sales Order	Customer PO	Customer Reference	Payment Terms	Discount	Customer No	Invoice No
00502965	PW000128		Net 30		0049154	S020442345
Carrier	Tracking Number	Teledyne Contact Information			Invoice Date	
UPS Ground	1Z6343870391183590	Stepanek, Cheryl R 800/228-4373			1/14/2021	
Delivery Terms	Named Destination	Packing List			RMA Number	
ORIG-S&HAD		00514594				

Line	Item Number	Description	Tax	UM	Quantity	Unit Price	Amount
	602004546	A/V SNSR ASSY 2150, 15M KB Area Velocity Sensor for 2150 Flow Module with 10 ft. (3 m) Level Measurement Range and 50 ft (15 m) cable.		ea	1	1,425.00	1,425.00
	Serial Number(s):	602004546: 221A01945					
Shipping & Handling							35.00

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

<p><small>Seller's acceptance of this Order is expressly conditioned upon the Buyer's assent to Seller's Terms and Conditions of Sale as stated in Seller's Offer and found at the applicable Teledyne company internet website listed below. Seller is proceeding with the performance of Buyer's Order strictly on this basis. Teledyne ISCO is an indirect subsidiary of Teledyne Technologies Incorporated. Teledyne Ethics Line 1-877-666-6966.</small></p>	Invoice Amount	1,460.00 USD
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ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/12/21
4. SET ID VP21011SMA		
5. POST DATE		

PARENT RECORD INFORMATION			
6. VENDOR NAME (Check to be Issued to) Weiss Construction	7. VENDOR NUMBER V081320	8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) PAY EST #1
			10. Invoice Date 12/31/2020
			11. Invoice Amount 22,026.60

CHILD RECORD DETAIL INFORMATION											
Line	General Ledger		Job Ledger		16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	20. DIV	21. MISC	22. Sep CK
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object							
A	8200017M	80126	CC0004	80126	WO19073	8 1/2 Mile Relief	Pay Est #1, 10/12-12/31/20	\$ 17,645.40	GEN		
B	8200072M	80126			WO19074	Martin	Pay Est #1, 10/12-12/31/20	\$ 4,381.20	GEN		0
C											
D											
E											
F											
G											

23. Total: \$ 22,026.60

REV 09/2016

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Record retainage (WO19073) \$1,960.60 for total retainage of \$1,960.60. Record retainage (WO19074) \$486.80 for total retainage of \$486.80

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile, Martin
26. Chief Deputy:		31. Project Balance:	955,113.17 (\$2,447.40 Retainage)
27. Engineers:		32. Staff Date:	1/19/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	

WEISS CONSTRUCTION COST BREAKDOWN
 Chapaton & Martin Disinfection Project

	Chapaton (WO19073)	Martin (WO19074)	Total
CONTRACT TOTAL			
Original Contract Prices:	\$ 806,425.00	\$ 189,500.00	\$ 995,925.00
CO#1:	\$ (12,253.37)	\$ (4,084.46)	\$ (16,337.83)
CO#2:	-	-	\$ -
CO#3:	-	-	\$ -
CO#4:	-	-	\$ -
Total with all CO's	\$ 794,171.63	\$ 185,415.54	\$ 979,587.17
PAYMENTS			
Pay App No 1	\$ 17,645.40	\$ 4,381.20	\$ 22,026.60
Pay App No 2	-	-	\$ -
Pay App No 3	-	-	\$ -
Pay App No 4	-	-	\$ -
Pay App No 5	-	-	\$ -
Pay App No 6	-	-	\$ -
Pay App No 7	-	-	\$ -
Total all Pay Apps:	\$ 17,645.40	\$ 4,381.20	\$ 22,026.60
SUMMARY			
Total Retained:	\$ 1,900.00	\$ 486.80	\$ 2,447.40
Total Work to Date:	\$ 19,600.00	\$ 4,808.00	\$ 24,474.00
Balance to Finish (incl. Ret)	\$ 774,565.63	\$ 180,547.54	\$ 955,113.17

Comments

Removed 4 Inaki recirculation pumps (3 Chap, 1 Martin)

1/6/2021

10%

Pay apps will show this value
 SW to provide district totals

							\$	-
Total Invoiced	\$	-	\$ 2,419,766.29	\$ 565,495.82	\$ 2,985,262.11	\$	-	\$ 44,202.10
Balance	\$	-	\$ (2,410,766.29)	\$ (565,495.82)	\$ (2,985,262.11)	\$	-	\$ (44,202.10)
								Total Balance

Contractor's Application for Payment

Owner:	<u>Macomb County Public Works</u>	Owner's Project No.:	<u>WWS-2020-09</u>
Engineer:	<u>Wade Trim Associates</u>	Engineer's Project No.:	<u>Mcw 2006-01T</u>
Contractor:	<u>Weiss Construction</u>	Contractor's Project No.:	<u>2020-07</u>
Project:	<u>Chapaton RTB and Martin RTB Disinfection Improvements</u>		
Contract:	<u>WWS-2020-09</u>		
Application No.:	<u>001</u>	Application Date:	<u>12/31/2020</u>
Application Period:	<u>From 10/12/2020</u>	to	<u>12/31/2020</u>

1. Original Contract Price	\$ 995,925.00
2. Net change by Change Orders	\$ (16,337.83)
3. Current Contract Price (Line 1 + Line 2)	\$ 979,587.17
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$ 24,474.00
5. Retainage	
a. <u>10%</u> X \$ <u>24,474.00</u> Work Completed	\$ 2,447.40
b. _____ X \$ _____ Stored Materials	\$ -
c. Total Retainage (Line 5.a + Line 5.b)	\$ 2,447.40
6. Amount eligible to date (Line 4 - Line 5.c)	\$ 22,026.60
7. Less previous payments (Line 6 from prior application)	
8. Amount due this application	\$ 22,026.60
9. Balance to finish, including retainage (Line 3 - Line 4)	\$ 955,113.17

Contractor's Certification

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

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

Contractor: Weiss Construction - Josh Wittenbach
Signature: Joshua Wittenbach Digitally signed by Joshua Wittenbach
Date: 2021.01.06 13:45:04 -05'00' **Date:** 1/6/2021

Recommended by Engineer

By: John Arvai Digitally signed by John Arvai
DN: C=US
E=jarvai@wadetrim.com, O=Wade Trim, OU=Vice President,
CN=John Arvai
Date: 2021.01.06 14:00:02-05'00'
Title: John Arvai
Date: _____

Approved by Owner

By: [Signature]
Title: Engineer II
Date: 01/06/2021

Approved by Funding Agency

By: N/A
Title: _____
Date: _____

By: [Signature]
Title: Operations & Flow Manager
Date: 01/06/2021

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: Macomb County Public Works
 Engineer: Wade Trim Associates
 Contractor: Weiss Construction
 Project: Chapaton RTB and Martin RTB Disinfection Improvements
 Contract: WW5-2020-09

Owner's Project No.: WW5-2020-09
 Engineer's Project No.: Mcw 2006-01T
 Contractor's Project No.: 2020-07

Item No.	Description	C Scheduled Value (\$)	D Work Completed (D + E) From Previous Application (\$)		E This Period (\$)	F Materials Currently Stored (not in D or E) (\$)	G Work Completed and Materials Stored to Date (D + E + F) (\$)	H % of Scheduled Value (G / C) (%)	I Balance to Finish (C - G) (\$)
			Application No.: 001	Application Period: From 10/12/20 to 12/31/20					
Original Contract									
01	GENERAL CONDITIONS - CHAPATON	\$81,000.00	-	-	13,500.00	-	13,500.00	17%	67,500.00
02	GENERAL CONDITIONS - MARTIN	\$19,020.00	-	-	3,170.00	-	3,170.00	17%	15,850.00
03	PROCURE - PIPE MATERIALS (UPSTAIRS)	\$16,088.00	-	-	-	-	-	0%	16,088.00
04	PROCURE - PIPE MATERIALS (BASIN)	\$114,000.00	-	-	-	-	-	0%	114,000.00
05	PROCURE - AIR COMPRESSOR	\$12,500.00	-	-	-	-	-	0%	12,500.00
06	CHAPATON MOBILIZATION	\$19,500.00	-	-	-	-	-	0%	19,500.00
07	CHAPATON BYPASS PIPING	\$9,500.00	-	-	-	-	-	0%	9,500.00
08	DEMO CHAPATON PUMP ROOM PIPING	\$5,025.00	-	-	-	-	-	0%	5,025.00
09	INSTALL CHAPATON PUMP ROOM PUMPS & PIPING	\$18,500.00	-	-	-	-	-	0%	18,500.00
10	DEMO CHAPATON PUMP ROOM PUMPS & PADS	\$21,000.00	-	-	-	-	-	0%	21,000.00
11	INSTALL NEW PUMP PADS IN CHAPATON PUMP ROOM	\$19,000.00	-	-	-	-	-	0%	19,000.00
12	DEMO CHAPATON TANK ROOM PUMPS & PIPING	\$3,850.00	-	-	-	-	-	0%	3,850.00
13	INSTALL CHAPATON TANK ROOM PIPING	\$13,800.00	-	-	-	-	-	0%	13,800.00
14	FURNISH & INSTALL CHAPATON TANK ROOM PUMPS	\$17,625.00	-	-	-	-	-	0%	17,625.00
15	DEMO & INSTALL NEW AIR COMPRESSOR	\$8,500.00	-	-	-	-	-	0%	8,500.00
16	CHAPATON ROOM FINISHES	\$5,250.00	-	-	-	-	-	0%	5,250.00
17	FURNISH & INSTALL CHAPATON VFD'S	\$65,100.00	-	-	-	-	-	0%	65,100.00
18	FURNISH & INSTALL CHAP. MAGNETIC FLOWMETERS	\$28,350.00	-	-	-	-	-	0%	28,350.00
19	FURNISH & INSTALL CHAP. ELECT. CONDUIT & WIRING	\$57,062.00	-	-	-	-	-	0%	57,062.00
20	CHAPATON O&M MANUALS	\$2,625.00	-	-	-	-	-	0%	2,625.00
21	CHAPATON TRAINING	\$2,100.00	-	-	-	-	-	0%	2,100.00
22	CHAPATON START-UP	\$8,925.00	-	-	-	-	-	0%	8,925.00
23	INSTALL CHEMICAL LINES IN BASIN	\$76,750.00	-	-	-	-	-	0%	76,750.00
24	INSTALL CHEMICAL LINES FOR 9 MILE DIFFUSER IN BASIN	\$51,250.00	-	-	-	-	-	0%	51,250.00
25	INSTALL SAMPLE LINES IN BASIN	\$75,750.00	-	-	-	-	-	0%	75,750.00
26	TEST & PUT CHAPATON BASIN PIPING INTO SERVICE	\$5,150.00	-	-	-	-	-	0%	5,150.00
27	DEMO EXISTING PIPING IN BASIN	\$61,500.00	-	-	-	-	-	0%	61,500.00
28	PROCURE - MARTIN PIPE MATERIALS	\$15,285.00	-	-	-	-	-	0%	15,285.00
29	MARTIN MOBILIZATION	\$5,000.00	-	-	-	-	-	0%	5,000.00
30	MARTIN BYPASS PIPING	\$3,100.00	-	-	-	-	-	0%	3,100.00
31	DEMO MARTIN HYDROCHLORITE PUMP 1 & PIPING	\$2,950.00	-	-	-	-	-	0%	2,950.00
32	INSTALL MARTIN HYDROCHLORITE PUMP 1 & PIPING	\$29,350.00	-	-	-	-	-	0%	29,350.00
33	DEMO MARTIN HYDROCHLORITE PUMP 2 & PIPING	\$2,950.00	-	-	-	-	-	0%	2,950.00
34	INSTALL MARTIN HYDROCHLORITE PUMP 2 & PIPING	\$29,350.00	-	-	-	-	-	0%	29,350.00
35	REMOVE & INSTALL MARTIN RECIRCULATING PUMP & PIPING	\$3,395.00	-	-	-	-	-	0%	3,395.00

Progress Estimate - Lump Sum Work

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

Contractor's Application for Payment

Application No.:		001		Application Period:		From 10/12/20 to 12/31/20		Application Date:		12/31/20	
A Item No.	B Description	C Scheduled Value (\$)	D Work Completed (D + E) From Previous Application (\$)		E This Period (\$)	F Materials Currently Stored (not in D or E) (\$)	G Work Completed and Materials Stored to Date (D + E + F) (\$)	H % of Scheduled Value (G / C) (%)	I Balance to Finish (C - G) (\$)		
36	DEMO MARTIN PUMPS & PADS	\$3,900.00	-	-	-	-	-	0%	3,900.00		
37	INSTALL MARTIN PUMP PADS	\$4,400.00	-	-	-	-	-	0%	4,400.00		
38	FURNISH & INSTALL MARTIN VFD'S	\$27,300.00	-	-	-	-	-	0%	27,300.00		
39	FURNISH & INSTALL MARTIN MAGNETIC FLOWMETERS	\$12,600.00	-	-	-	-	-	0%	12,600.00		
40	FURNISH & INSTALL MARTIN ELEC. CONDUIT & WIRING	\$17,500.00	-	-	-	-	-	0%	17,500.00		
41	MARTIN O&M MANUALS	\$1,575.00	-	-	-	-	-	0%	1,575.00		
42	MARTIN TRAINING	\$2,100.00	-	-	-	-	-	0%	2,100.00		
43	MARTIN START-UP	\$4,725.00	-	-	-	-	-	0%	4,725.00		
44	ROOFING ALLOWANCE - CHAPATON	\$1,725.00	-	-	-	-	-	0%	1,725.00		
45	PERMIT ALLOWANCE - CHAPATON	\$5,000.00	-	-	6,105.00	-	6,105.00	122%	(1,105.00)		
46	PERMIT ALLOWANCE - MARTIN	\$5,000.00	-	-	1,698.00	-	1,698.00	34%	3,302.00		
		Original Contract Totals	\$	995,925.00	\$	29,474.00	\$	24,474.00	2%	\$	971,451.00



ONESolution

ACCOUNTS PAYABLE CHECK REQUEST

PUBLIC WORKS DIVISION

Mark A. Hackel
County Executive

1. PREPARED BY (Please Type) Michelle Houvener	2. PHONE # 95966	3. DATE 1/29/21
4. SET ID VP210130MA		
5. POST DATE		

PARENT RECORD INFORMATION				
6. VENDOR NAME (Check to be issued to) Weiss Construction	7. VENDOR NUMBER V081320	8. ADDR CODE 01	9. Invoice No (MAX = 16 CHARACTERS) PAY EST #2	10. Invoice Date 1/28/2021
				11. Invoice Amount 25,051.50

CHILD RECORD-DETAIL INFORMATION											
Line	General Ledger			Job Ledger			OPTIONAL			20. DIV	21. MISC
	12. Org Key	13. Object	14. Cost Center (CCNT)	15. Object	16. Work Order Number	17. Secondary Reference (MAX = 16 CHARACTERS)	18. Description (MAX = 30 CHARACTERS)	19. Amount	22. Sep CK		
A	8200017M	80126	CC0004	80126	WO19073	8 1/2 Mile Relief	Pay Est #2, 1/1-1/31	\$ 23,625.00	GEN		
B	8200072M	80126			WO19074	Martin	Pay Est #2, 1/1-1/31	\$ 1,426.50	GEN	0	
C											
D											
E											
F											
G											

23. Total: \$ 25,051.50

24. COMMENTS, INSTRUCTIONS OR ADDITIONAL NOTES:
Record retainage (WO19073) \$2,625 for total retainage of \$4,585.60. Record retainage (WO19074) \$158.50 for total retainage of \$645.30

25. Finance Officer:	BM/mh	30. Drain:	8 1/2 Mile; Martin
26. Chief Deputy:		31. Project Balance:	932,509.07 (\$5,230.90 Retainage)
27. Engineers:		32. Staff Date:	2/2/2021
28. Managers:		33. Board Date:	2/8/2021
29. Coordinator:		34. Select For Pay Date:	

WEISS CONSTRUCTION COST BREAKDOWN

Chapaton & Martin Disinfection Project

	Chapaton (WO19073)	Martin (WO19074)	Total
CONTRACT TOTAL			
Original Contract Prices:	\$806,425.00	\$189,500.00	\$995,925.00
CO#1:	-\$12,253.37	-\$4,084.46	-\$16,337.83
CO#2:	-	-	\$0.00
CO#3:	-	-	\$0.00
CO#4:	-	-	\$0.00
Total with all CO's	\$794,171.63	\$185,415.54	\$979,587.17
PAYMENTS			
Pay App No 1	\$17,645.40	\$4,381.20	\$22,026.60
Pay App No 2	\$23,625.00	\$1,426.50	\$25,051.50
Pay App No 3	-	-	\$0.00
Pay App No 4	-	-	\$0.00
Pay App No 5	-	-	\$0.00
Pay App No 6	-	-	\$0.00
Pay App No 7	-	-	\$0.00
Total all Pay Apps:	\$41,270.40	\$5,807.70	\$47,078.10
SUMMARY			
Total Retained:	\$4,585.60	\$645.30	\$5,230.90
Total Work to Date:	\$45,856.00	\$6,453.00	\$52,309.00
Balance to Finish (incl. Ret)	\$748,315.63	\$178,962.54	\$927,278.17

Pay apps will show this value
SW to provide district totals

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

WORK ORDER NUMBER	WO19073 (Chapaton) & WO19074 (Martin)		
PROJECT NUMBER	WWS-2020-009		
PROJECT NAME	Chapaton RTB & Martin RTB Disinfection Improvements		
DRAINAGE DISTRICT	8 1/2 Mile Relief Drain Drainage District		
CONTRACTOR NAME	Weiss Construction LLC		
INVOICE DATE	January 28, 2021		
INVOICE START DATE	January 1, 2021		
INVOICE END DATE	January 31, 2021		
ORIGINAL CONTRACT AMOUNT		\$	995,925.00
CHANGE ORDER TOTAL		\$	(16,337.83)
Change Order No. 1	Date Executed:	12/16/2020	\$ (16,337.83)
Change Order No. 2	Date Executed:		
Change Order No. 3	Date Executed:		
Change Order No. 4	Date Executed:		
TOTAL REVISED CONTRACT AMOUNT		\$	979,587.17
(includes all approved change orders only)			
TOTAL AMOUNT PREVIOUSLY INVOICED		\$	22,026.60
TOTAL AMOUNT DUE THIS INVOICE		\$	25,051.50
TOTAL BUDGET REMAINING		\$	932,509.07
(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-2020-09</u>
Engineer:	<u>Wade Trim Associates</u>	Engineer's Project No.:	<u>Mcw 2006-01T</u>
Contractor:	<u>Weiss Construction</u>	Contractor's Project No.:	<u>2020-07</u>
Project:	<u>Chapaton RTB and Martin RTB Disinfection Improvements</u>		
Contract:	<u>WWS-2020-09</u>		
Application No.:	<u>002</u>	Application Date:	<u>1/28/2021</u>
Application Period:	<u>From 1/1/2021</u>	to	<u>1/31/2021</u>

1. Original Contract Price	\$ 995,925.00
2. Net change by Change Orders	\$ (16,337.83)
3. Current Contract Price (Line 1 + Line 2)	\$ 979,587.17
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	\$ 52,309.00
5. Retainage	
a. <u>10%</u> X \$ <u>52,309.00</u> Work Completed	\$ 5,230.90
b. _____ X \$ _____ - Stored Materials	\$ -
c. Total Retainage (Line 5.a + Line 5.b)	\$ 5,230.90
6. Amount eligible to date (Line 4 - Line 5.c)	\$ 47,078.10
7. Less previous payments (Line 6 from prior application)	\$ 22,026.60
8. Amount due this application	\$ 25,051.50
9. Balance to finish, including retainage (Line 3 - Line 4)	\$ 927,278.17

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

Contractor: Weiss Construction - Josh Wittenbach

Signature: Joshua Wittenbach Digitally signed by Joshua Wittenbach
Date: 2021.01.28 13:59:13-0500' **Date:** 1/28/2021

<p>Recommended by Engineer</p> <p>By: <u>John Arvai</u> <small>Digitally signed by John Arvai DN: C=US, E=jarvai@wadetrim.com, O=Wade Trim, OU=Vice President, CN=John Arvai Date: 2021.01.28 14:19:39-05'00'</small></p> <p>Title: <u>John Arvai</u></p> <p>Date: _____</p> <p>Approved by Funding Agency</p> <p>By: <u>N/A</u></p> <p>Title: _____</p> <p>Date: _____</p>	<p>Approved by Owner</p> <p>By: <u></u></p> <p>Title: <u>Engineer II</u></p> <p>Date: <u>01/28/21</u></p> <p>By: <u></u></p> <p>Title: <u>Operations & Flow Manager</u></p> <p>Date: <u>01/28/21</u></p>
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Progress Estimate - Lump Sum Work

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

Contractor's Application for Payment

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

Item No.	Description	C Scheduled Value (\$)	D Work Completed (D + E) From Previous Application (\$)		E This Period (\$)	F Materials Currently Stored (not in D or E) (\$)	G Work Completed and Materials Stored to Date (D + E + F) (\$)	H % of Scheduled Value (G / C) (%)	I Balance to Finish (C - G) (\$)
			From	to					
Application No.: 002 Application Period: 01/01/21 to 01/31/21 Application Date: 01/28/21									
Original Contract									
01	GENERAL CONDITIONS - CHAPATON	\$81,000.00	13,500.00	6,750.00	6,750.00	20,250.00	25%	60,750.00	
02	GENERAL CONDITIONS - MARTIN	\$19,020.00	3,170.00	1,585.00	1,585.00	4,755.00	25%	14,265.00	
03	PROCURE - PIPE MATERIALS (UPSTAIRS)	\$16,088.00	-	-	-	-	0%	16,088.00	
04	PROCURE - PIPE MATERIALS (BASIN)	\$114,000.00	-	-	-	-	0%	114,000.00	
05	PROCURE - AIR COMPRESSOR	\$12,500.00	-	-	-	-	0%	12,500.00	
06	CHAPATON MOBILIZATION	\$19,500.00	-	19,500.00	19,500.00	19,500.00	100%	-	
07	CHAPATON BYPASS PIPING	\$9,500.00	-	-	-	-	0%	9,500.00	
08	DEMO CHAPATON PUMP ROOM PIPING	\$5,025.00	-	-	-	-	0%	5,025.00	
09	INSTALL CHAPATON PUMP ROOM PUMPS & PIPING	\$18,500.00	-	-	-	-	0%	18,500.00	
10	DEMO CHAPATON PUMP ROOM PUMPS & PADS	\$21,000.00	-	-	-	-	0%	21,000.00	
11	INSTALL NEW PUMP PADS IN CHAPATON PUMP ROOM	\$19,000.00	-	-	-	-	0%	19,000.00	
12	DEMO CHAPATON TANK ROOM PUMPS & PIPING	\$3,850.00	-	-	-	-	0%	3,850.00	
13	INSTALL CHAPATON TANK ROOM PIPING	\$13,800.00	-	-	-	-	0%	13,800.00	
14	FURNISH & INSTALL CHAPATON TANK ROOM PUMPS	\$17,625.00	-	-	-	-	0%	17,625.00	
15	DEMO & INSTALL NEW AIR COMPRESSOR	\$8,500.00	-	-	-	-	0%	8,500.00	
16	CHAPATON ROOM FINISHES	\$5,250.00	-	-	-	-	0%	5,250.00	
17	FURNISH & INSTALL CHAPATON VFD'S	\$65,100.00	-	-	-	-	0%	65,100.00	
18	FURNISH & INSTALL CHAP. MAGNETIC FLOWMETERS	\$28,350.00	-	-	-	-	0%	28,350.00	
19	FURNISH & INSTALL CHAP. ELECT. CONDUIT & WIRING	\$37,062.00	-	-	-	-	0%	37,062.00	
20	CHAPATON O&M MANUALS	\$2,625.00	-	-	-	-	0%	2,625.00	
21	CHAPATON TRAINING	\$2,100.00	-	-	-	-	0%	2,100.00	
22	CHAPATON START-UP	\$8,925.00	-	-	-	-	0%	8,925.00	
23	INSTALL C-CHEMICAL LINES IN BASIN	\$76,750.00	-	-	-	-	0%	76,750.00	
24	INSTALL C-CHEMICAL LINES FOR 9 MILE DIFFUSER IN BASIN	\$51,250.00	-	-	-	-	0%	51,250.00	
25	INSTALL SAMPLE LINES IN BASIN	\$75,750.00	-	-	-	-	0%	75,750.00	
26	TEST & PUT CHAPATON BASIN PIPING INTO SERVICE	\$5,150.00	-	-	-	-	0%	5,150.00	
27	DEMO EXISTING PIPING IN BASIN	\$61,500.00	-	-	-	-	0%	61,500.00	
28	PROCURE - MARTIN PIPE MATERIALS	\$15,285.00	-	-	-	-	0%	15,285.00	
29	MARTIN MOBILIZATION	\$5,000.00	-	-	-	-	0%	5,000.00	
30	MARTIN BYPASS PIPING	\$3,100.00	-	-	-	-	0%	3,100.00	
31	DEMO MARTIN HYDROCHLORITE PUMP 1 & PIPING	\$2,950.00	-	-	-	-	0%	2,950.00	
32	INSTALL MARTIN HYDROCHLORITE PUMP 1 & PIPING	\$29,350.00	-	-	-	-	0%	29,350.00	
33	DEMO MARTIN HYDROCHLORITE PUMP 2 & PIPING	\$2,950.00	-	-	-	-	0%	2,950.00	
34	INSTALL MARTIN HYDROCHLORITE PUMP 2 & PIPING	\$29,350.00	-	-	-	-	0%	29,350.00	
35	REMOVE & INSTALL MARTIN RECIRCULATING PUMP & PIPING	\$3,395.00	-	-	-	-	0%	3,395.00	

Progress Estimate - Lump Sum Work

Owner: Macomb County Public Works
 Engineer: Wade Trim Associates
 Contractor: Weiss Construction
 Project: Chapaton RTB and Martin RTB Disinfection Improvements
 Contract: WWS-2020-03
 Application No.: 002
 Application Period: From 01/01/21 to 01/31/21 Application Date: 01/28/21
 Owner's Project No.: WWS-2020-09
 Engineer's Project No.: Mcw 2006-01T
 Contractor's Project No.: 2020-07

Contractor's Application for Payment

Item No.	Description	C Scheduled Value (\$)	D Work Completed		E This Period (\$)	F Materials Currently Stored (not in D or E) (\$)	G Work Completed and Materials Stored to Date (D + E + F) (\$)	H % of Scheduled Value (G / C) (%)	I Balance to Finish (C - G) (\$)
			(D + E) From Previous Application (\$)						
36	DEMO MARTIN PUMPS & PADS	\$3,900.00	-	-	-	-	-	0%	3,900.00
37	INSTALL MARTIN PUMP PADS	\$4,400.00	-	-	-	-	-	0%	4,400.00
38	FURNISH & INSTALL MARTIN VFD'S	\$27,300.00	-	-	-	-	-	0%	27,300.00
39	FURNISH & INSTALL MARTIN MAGNETIC FLOWMETERS	\$12,600.00	-	-	-	-	-	0%	12,600.00
40	FURNISH & INSTALL MARTIN ELEC. CONDUIT & WIRING	\$17,500.00	-	-	-	-	-	0%	17,500.00
41	MARTIN O&M MANUALS	\$1,575.00	-	-	-	-	-	0%	1,575.00
42	MARTIN TRAINING	\$2,100.00	-	-	-	-	-	0%	2,100.00
43	MARTIN START-UP	\$4,725.00	-	-	-	-	-	0%	4,725.00
44	ROOFING ALLOWANCE - CHAPATON	\$1,725.00	-	-	-	-	-	0%	1,725.00
45	PERMIT ALLOWANCE - CHAPATON	\$5,000.00	6,106.00	-	-	6,106.00	-	122%	(1,106.00)
46	PERMIT ALLOWANCE - MARTIN	\$5,000.00	1,698.00	-	-	1,698.00	-	34%	3,302.00
		Original Contract Totals	\$ 24,474.00	\$ 27,835.00	\$ -	\$ -	\$ 52,309.00	5%	\$ 943,616.00

Progress Estimate - Lump Sum Work

Contractor's Application for Payment

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

Application No.: 002		Application Period: From 01/01/21 to 01/31/21		Application Date: 01/28/21					
A Item No.	B Description	C Scheduled Value (\$)	D Work Completed (D + E) From Previous Application (\$)		E This Period (\$)	F Materials Currently Stored (not in D or E) (\$)	G Work Completed and Materials Stored to Date (D + E + F) (\$)	H % of Scheduled Value (G / C) (%)	I Balance to Finish (C - G) (\$)
			(D + E) From Previous Application (\$)	This Period (\$)					
001	Credit for Recirculating Pumps	(16,337.83)						0%	(16,337.83)
Change Order Totals		\$ (16,337.83)	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ (16,337.83)
Original Contract and Change Orders									
Project Totals		\$ 979,587.17	\$ 24,474.00	\$ 27,835.00	\$ -	\$ 52,309.00	\$ -	5%	\$ 927,378.17

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

Project Name: Chapaton RTB and Martin RTB Disinfection Improvements

Contract No.: WWS-2020-009

Contract Date: 10/21/2020

Contractor: Weiss Construction, LLC

Owner: 8 1/2 Mile Relief Drain Drainage District

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

October 12, 2020 - January 31, 2021

I hereby certify that I have not, during the above noted certification period, performed any work, furnished any material, sustained any loss, damage or delay for any reason, including soil conditions encountered or created, or otherwise done anything for which I shall ask, demand, sue for, or claim compensation from the Owner or its agents, in addition to the regular items set forth in the above noted Contract (and executed Change Orders thereto) executed between the Contractor and the Owner, except as the Contractor hereby claim for additional compensation and/or extension of time as described in previously submitted claim letters to the Owner dated:

Attached Summary, Dated _____

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

CONTRACTOR

By: Joshua Digitally signed by
(Authorized Signature) Joshua Wittenbach
Name: Wittenbach Date: 2021.01.28
(Print Name) 13:59:49 -05'00'

Title: _____

Date: _____

END OF SECTION 00 61 13.1

Budget to Actual
8.5 Mile Relief
As of Jan 31, 2021 = 33%

DESCRIPTION	2021 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
Interest Earned	175,000		6,418	168,582	3.7%
Other Revenue	4,000		1,167	2,833	29.2%
8.5 O&M/Charge Required Revenue	4,509,865		2,254,933	2,254,932	50.0%
PY Revenue-Fund Balance	4,522,050			4,522,050	0.0%
Rental Fee	16,460		-	16,460	0.0%
Total Revenue Accounts	9,227,375	-	2,262,518	6,964,857	24.5%
EXPENSE ACCOUNTS					
Application/Permit Fee	6,000		6,000	-	100.0%
Dues, Training, Conf, Subs.	12,850		7,249	5,601	56.4%
Engineering					
Flushing systems replacement-Design	1,328,480			1,328,480	0.0%
Basin Structural Repairs-Desing & Construction	750,000			750,000	0.0%
Equipment Hatch crane replacement	100,000			100,000	0.0%
9 Mile Bypass Pipe Structural Repairs	500,000			500,000	0.0%
As needed Engineering	87,810			87,810	0.0%
Chapaton Improvements-Office Space	820,000		32,367	787,633	3.9%
Disinfection system upgrade (Design and Construction)	901,625		42,595	859,030	4.7%
Chapaton Improvements-Lab Relocation	166,910			166,910	0.0%
In-System Storage-Construction & Const Admin	2,250,000		340,893	1,909,107	15.2%
9 Mile Bypass Design	44,165			44,165	0.0%
New Equipment ⁽¹⁾	15,500		20,146	(4,646)	130.0%
Office Supplies	750		120	630	16.0%
Operating Supplies	63,700		8,847	54,853	13.9%
Other Professional Srvcs	46,700		600	46,100	1.3%
Personnel Services	1,061,320			1,061,320	0.0%
Repair & Maintenance	161,000		48,850	112,150	30.3%
Pumping and screening improvements	211,540		200,070	11,470	94.6%
SRF Replacement Reserve	259,215			259,215	0.0%
Scada System	165,710		10,396	155,314	6.3%
Utilities	274,100		24,798	249,302	9.0%
Total Expense Accounts	9,227,375	-	742,931	8,484,444	8.1%

	O&M Balance 9/30/2020	O&M	Total 1/31/2021
Cash - Operating	12,629,705	1,519,587	14,149,292
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		2,262,518	2,262,518
Expenditures		742,931	742,931
			0
Equity*	12,629,705		14,149,292

Detail of 2020 Equity*

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