

EIGHT AND ONE-HALF MILE RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
JANUARY 8, 2024
10:15 A.M.
AGENDA

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

**Call in Number: 1-470-499-2258
Access Code: 415 487 641**

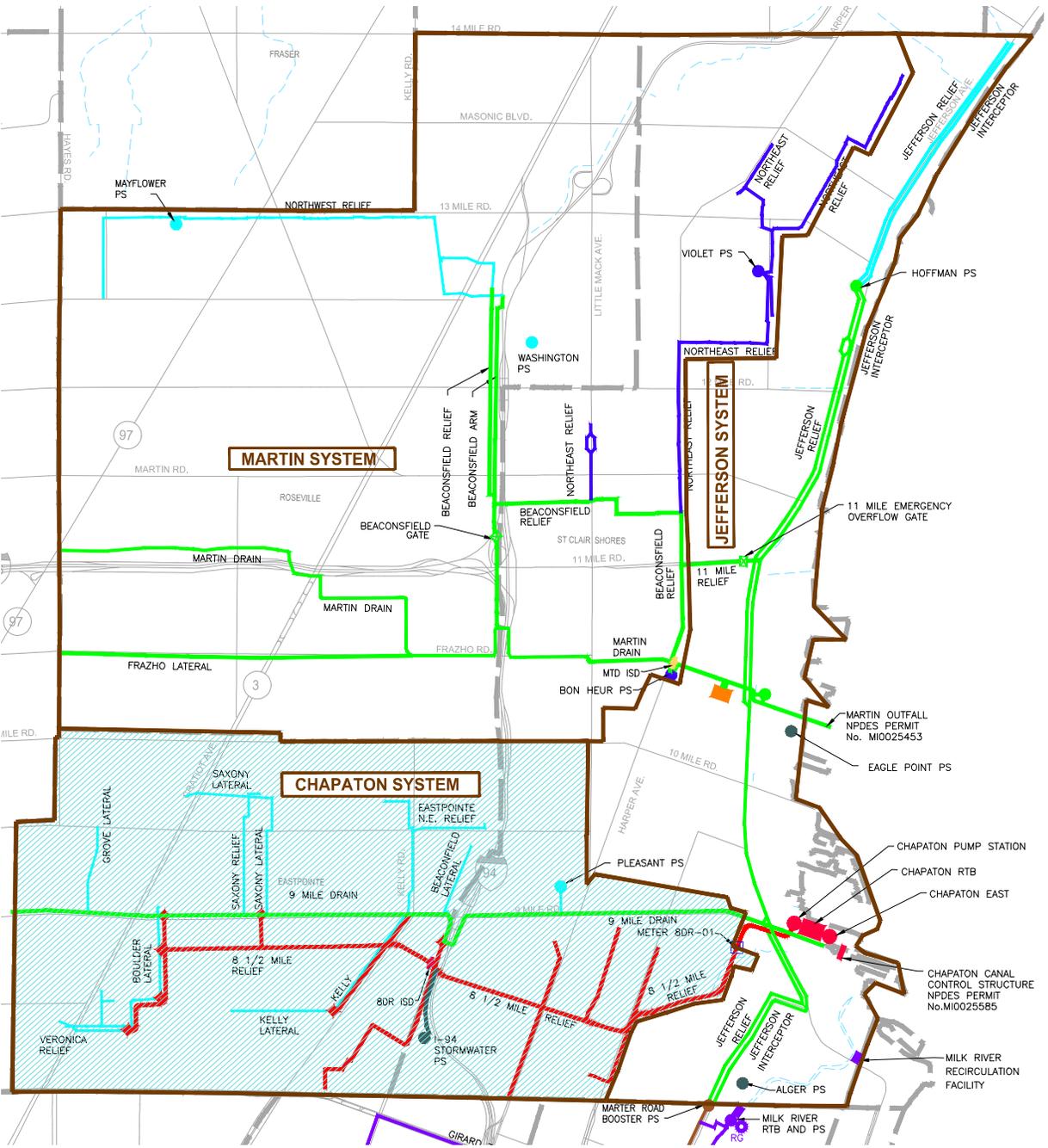
	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for January 8, 2024	
3. Approval of Minutes for December 11, 2023	3
4. Public Participation	
5. Project & Operational Updates – Vince Astorino	5
6. Chapaton Pump Station Painting – Main Floor – Vince Astorino	31
Motion: To approve the quote from GVC Painting Co. Inc for painting of the Chapaton Pump Station main floor for an amount not to exceed \$60,110.	
7. Consideration for approval of invoices (see attached)	33
8. Financial Report – Bruce Manning	34
9. Adjourn	

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

CHAPATON SYSTEM MAP

Macomb County, MI

Southeast Macomb Sanitary District Wastewater Master Plan



SYSTEM LEGEND
(AS OF DATE OF PUBLICATION)

- SYSTEM BOUNDARY

DISTRICT LEGEND
(AS OF DATE OF PUBLICATION)

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

ASSET LEGEND

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

PROJECT NO.

181053

3.6

An adjourned meeting of the Intra-County Drainage Board for the **EIGHT AND ONE-HALF MILE RELIEF DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham Clinton Township, Michigan on December 11, 2023, at 10:05 A.M.

PRESENT: Candice S. Miller, Chair
Bryan Santo, Member
Sarah Lucido, Member

ALSO PRESENT: Daniel Acciavatti, Deputy Government Relations; Vince Astorino, Operations & Flow Manager; Brian Baker, Chief Deputy; Stephen Downing, Construction and Maintenance Manager; Norb Franz, Communications Manager; Bruce Manning, Finance Manager; Pamela Sonnenberg, Administrative Assistant; Tom Stockel, Construction Supervisor; Don VanSyckel, Board of Commissioners

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

Adopted: YEAS: 3
NAYS: 0

Minutes of the meeting of November 13, 2023, were presented. A motion was made by Mr. Santo, supported by Ms. Lucido to approve the minutes as presented.

Adopted: YEAS: 3
NAYS: 0

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

Mr. Astorino said that there were no wet weather events for the past month. He presented pictures of the Beaconsfield In-System storage project and stated that it is progressing well. Ms. Miller asked what the timeline is for this project and Mr. Astorino said they are still on their recent schedule, and we will be going after liquidated damages because they have passed their original completion date with a new completion date of March/April. Mr. Astorino recommended keeping Beaconsfield closed over the winter. Ms. Lucido agreed. He showed photos of the Kelly Road location venting systems and said that they are mostly complete. He said they will add light assemblies on the top of the venting structures and will look just like light poles.

Mr. Astorino updated on the Chapaton Canal Rehabilitation project saying that it is ahead of schedule and going well. All walls are fully up. He showed photos of the progress. We are utilizing an abandoned drain box to separate out the storm water for this project.

Mr. Astorino said that the Interceptor Inspection program is mostly complete. We found an area of concern along Harper. Doetsch was dispatched right away.

Mr. Astorino stated that there is not much going on with Chapaton Electrical upgrades while we await delivery of the electrical equipment.

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

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$4,230,588.68 to the board for review and approval.

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

Adopted: YEAS: 3
NAYS: 0

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

Adopted: YEAS: 3
NAYS: 0

There being no further business, it was moved by Ms. Lucido, 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 10:23 A.M.



Candice S. Miller, Chair
Macomb County Public Works Commissioner

STATE OF MICHIGAN
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taken by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on December 11, 2023, 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: 12/11/23



Candice S. Miller

Public Works Commissioner
Macomb County

To: 8 ½ Mile Relief Drain Drainage District Board Members

CC: File

From: Vincent Astorino, Operations Director

Date: January 8, 2023

Subject: Construction Projects Status Updates for the January 2024 Board Meeting

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

Wet Weather Operations

No wet weather events for the past month.

Chapaton In-System Storage Project

Contractor: Weiss Construction

Engineering Consultant: Tetra Tech

Project Description:

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

Significant project tasks that have occurred over the past month:

1. Submittals are being received and processed by the engineering team.
2. Construction Activities per Update Period:
 - Continued removing construction scrap, spoils, and unused materials stored along Beaconsfield greenbelt.
 - Maintained secured work site with swing gates and privacy fence screening at construction sites.
 - Continued Beaconsfield site monitoring and documentation during construction as required.

- Continued dewatering and maintaining adequate working conditions within the limits of the Construction Site as necessary.
- Continued to strategically remove steel I-beam bracing from the Beaconsfield shaft as designed per engineers' approval.
- Placed approved backfill sand while performing compaction and density testing within specified incremental backfill heights as required inside the Beaconsfield shaft.
- Poured in place high strength concrete East and West deck sections up to elevations 590' and 587' respectively within the Beaconsfield construction shaft as required.
- Installed dimensional asphalt shingles on the Control Building roof at Beaconsfield as required.
- Layout and placed concrete forms, reinforcing steel, dowels, and water stop for the East access walls up to elevation 591' and poured in place with high strength concrete at the Beaconsfield shaft as designed.
- Installed 24in ventilation pipe, fittings, and couplers to the East and West 8.5 tunnel access vaults below Beaconsfield Road and encased with low strength concrete as required.
- Cut and removed portions of the 8.5 concrete tunnel inside the East access vault at Beaconsfield as designed.
- Placed gypsum board for the ceiling inside the Beaconsfield Control Building as designed.
- Cored existing manhole and installed new 24in ventilation pipe, fittings, and stack at the Malvern worksite and encased pipe with low strength concrete fill as designed.
- Poured in place new concrete pavement with new access manhole structure as proposed at the Malvern Street construction site.

3. Construction Look Ahead:

- Continue cleanup of construction scrap, spoils, and materials along Beaconsfield greenbelt.
- Continue Beaconsfield site security, monitoring, and documentation.
- Continue to cut and remove portions of the 8.5 concrete tunnel inside the West access vault at Beaconsfield.
- Pour in place the final concrete roof deck for the West access vault at grade elevation 591' with high strength concrete as designed in the Beaconsfield shaft work site.
- Continue to backfill and remove steel I-beam bracing from the Beaconsfield shaft as designed per engineers' approval.
- Place new concrete pavement to allow partial opening of Beaconsfield Road at Oak Street as required.
- Receive inflatable dam and hardware materials and begin bladder layout and installation.
- Place stone and grade accordingly for access drive at the Gaukler worksite as proposed.
- Install doors, drywall, and equipment for the proposed inflatable dam Control Building at Beaconsfield as required.

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$9,673,200.00
Change Order #1	9/15/22	\$269,666.49
Revised Contract Amount		\$9,942,866.49
Total Spent to Date	Pay Apps. #1 - 19	\$5,984,060.58
Remaining Budget		\$3,958,805.91

Figure 1 – Installing Access Hatch Frames @ Beaconsfield West Access Vault



Figure 2 – Placing Concrete Deck @ Beaconsfield East Access Vault



Figure 3 – Compacting & Testing Sand Backfill @ Beaconsfield Shaft



Figure 4 – Installing 24in Ventilation Pipe @ Beaconsfield Access Vaults



Figure 5 – Installed 24in Ventilation Pipe under Beaconsfield Road



Figure 6 – Removing 8.5 Tunnel Concrete inside Beaconsfield West Vault Access



Figure 7 – Cutting 8.5 Tunnel Concrete inside Beaconsfield West Vault



Figure 8 – Installing Gypsum Board Ceiling @ Beaconsfield Control Bldg.



Figure 9 – Coring MH for Ventilation Pipe @ Malvern Street



Figure 10 –Installing 24in Ventilation Pipe @ Malvern Street



Figure 11 – Placing Concrete Road @ Malvern Street in SCS



Figure 12 – Drone Aerial at 200 FT



Chapaton RTB Canal Rehabilitation Project

Contractor: Z Contractors

Engineering Consultant: Wade Trim

Project Description:

The primary focus of the project is to rehabilitate the Chapaton Treatment Canal which was last rehabilitated in the early 2000s, replace the Chapaton Canal Control Structure gates and associated building and electrical components, and raise the top of the Chapaton Treatment Canal above the 500-year flood elevation. This will provide flood resiliency for the surrounding area and will improve the water quality of Lake St. Clair by capturing more CSO and discharging fewer times per year. Additional project components include a direct process pipe to the lake to reduce treatment costs by using less water, proper abandonment of a portion of the 100-year-old 9-Mile Drain, and an 11-acre sewer separation along 9-Mile Road.

Significant project tasks that have occurred over the past month:

1. Construction Activities per Update Period:
 - Poured crest gate walls, backfilled, and poured lower 8" slab (to be submerged by lake)
 - Completed north side tie-back sheeting and portion of sheeting along northwest edge of new canal footprint.
 - Poured outfall building foundation and installed 8'x8' emergency bypass conduit.
 - Completed storm outfall discharge chamber (walls, risers, hatches, etc.)
 - Removed overhead wires and poles along northerly property line.
 - Performed rough grading along southern side of canal over storm pipe and within canal
 - Full-site clean-up prior to holiday break the last week of December and MCPWO flushing sequence. Contractor took break last week of December.

2. Construction Look Ahead:
 - Form and pour intermediate gate slab and top slab of outfall structure.
 - Continue sheeting along northerly edge of new canal footprint.
 - Form and pour headwall for ultimate outlet of emergency bypass conduit to lake.

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$27,374,710.00
Total Spent to Date	Through Pay App. #5	\$13,677,183.13
Remaining Budget		\$13,697,526.87

Figure 13 – Outfall Structure Divider Walls reinforcement

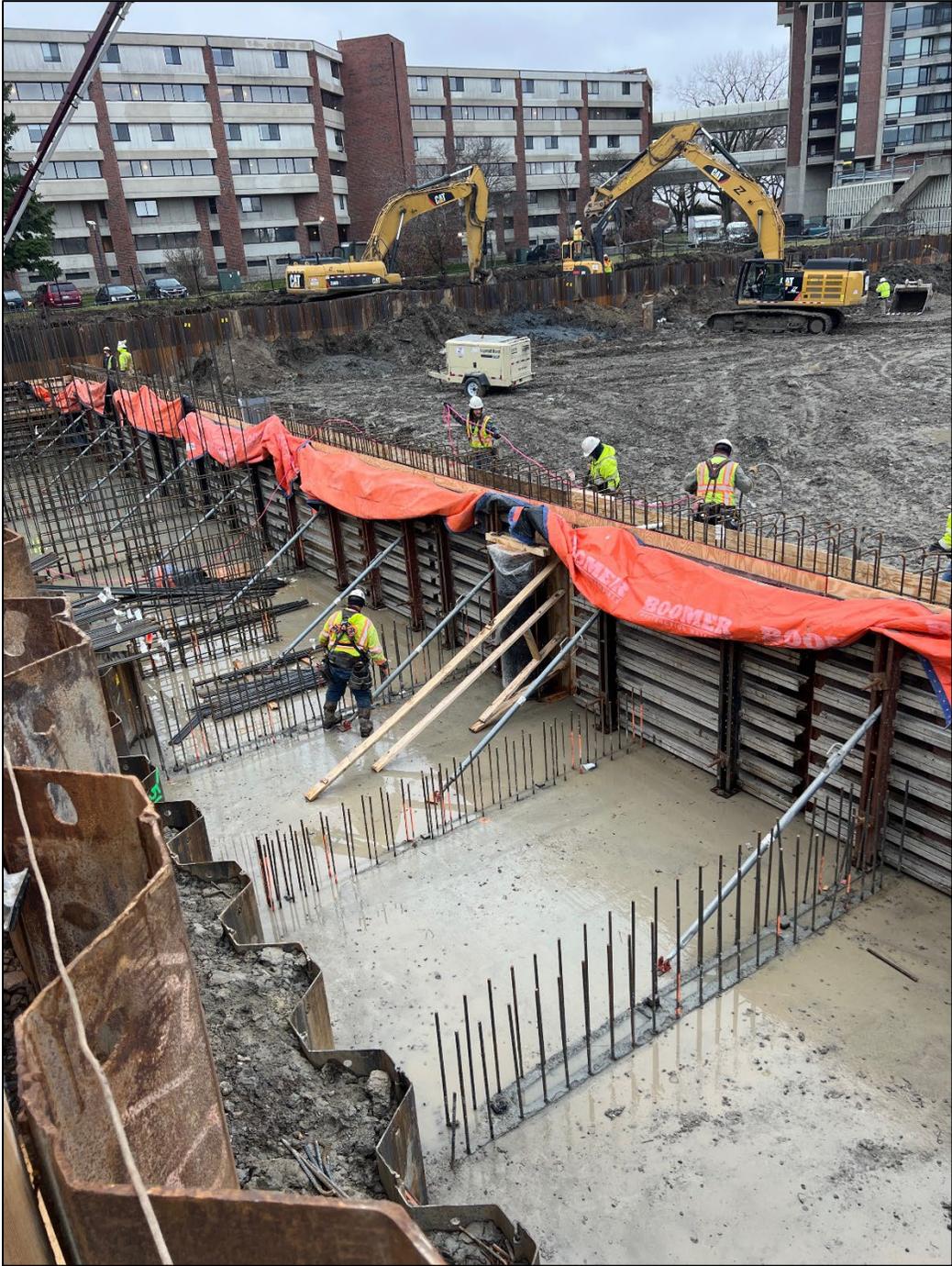


Figure 14 – Outfall Structure Divider Walls

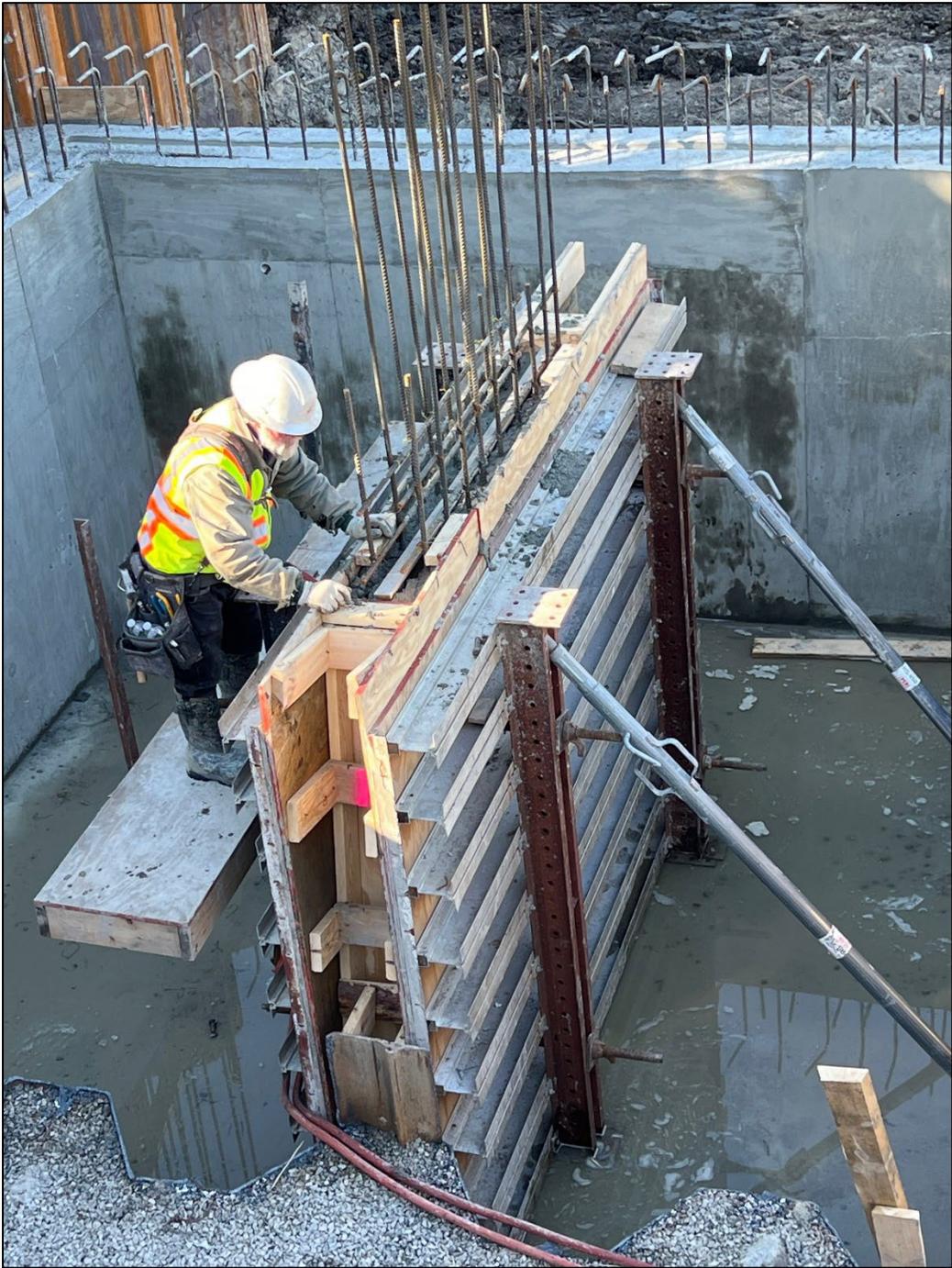


Figure 15 – Base slab pour on submerged side of Outfall Structure

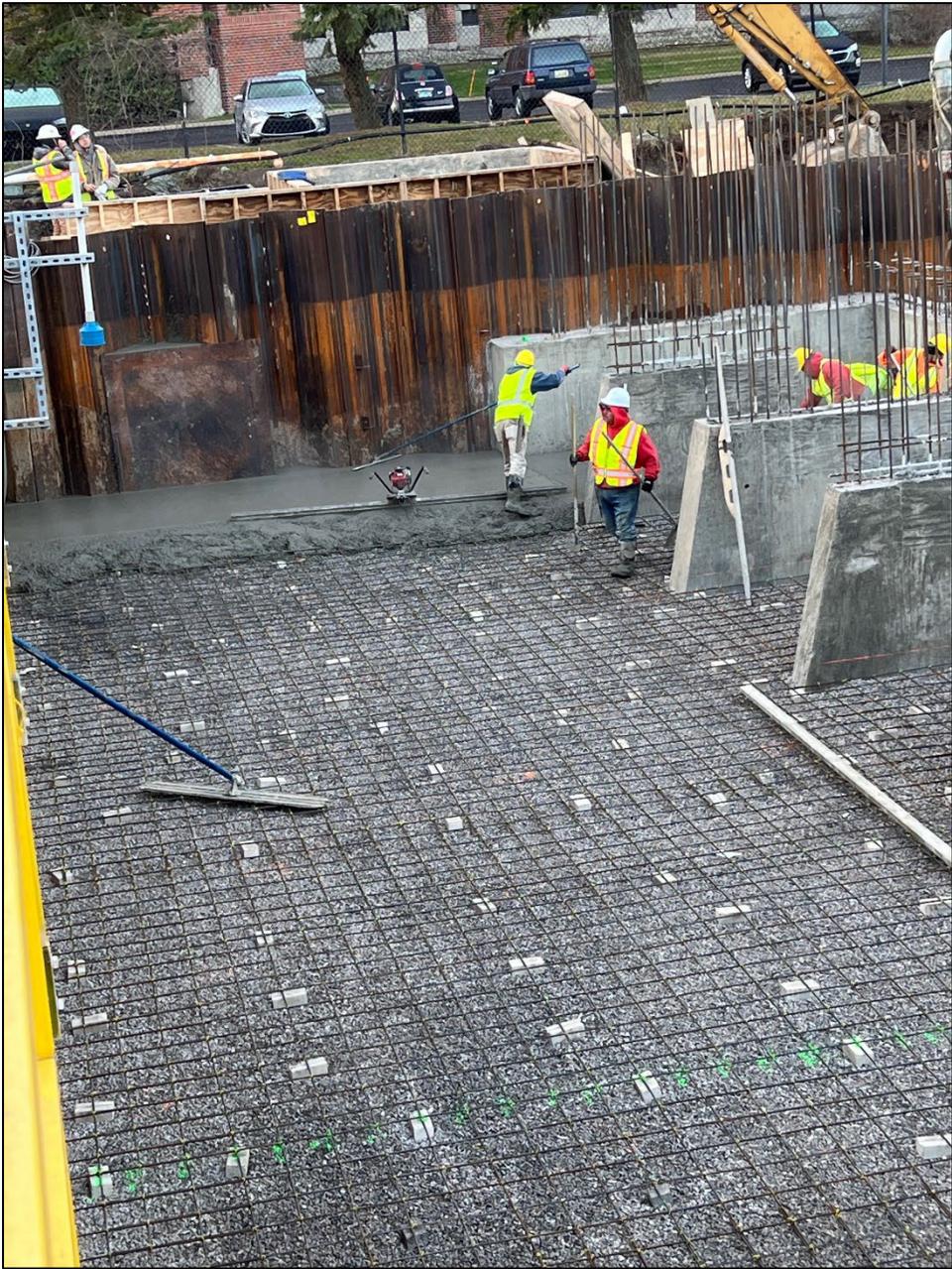


Figure 16 – North Side Tie-Back Wall (to be buried below grade)



Figure 17 – 8'x8' Emergency Bypass installation (below future Outfall Building)



Figure 18 –Emergency Bypass turn towards lake



Figure 19 – Repurposed 9-Mile Drain into Storm Sewer Discharge Chambers with Hatches, stoplog grooves, etc.



Figure 20 – Drone Aerial at 100 FT Facing East (Baseline)



Figure 21 – Drone Aerial at 100 FT Facing East (12/20/23)



Figure 22 – Drone Aerial at 100 FT Facing West (12/20/23)



2023 Interceptor Inspection Program

Contractor: Taplin

Engineering Consultant: NTH

Project Description:

The 2023 sewer inspection program was awarded to Taplin in March 2023. The inspection program includes inspection of approximately 24 miles of sanitary sewer ranging from 2-feet to 12-feet in diameter and 152 manholes across the MIDDD and 8.5 Mile Districts.

The inspection interval for the entire system is based on a 3-year cycle, where non-reinforced concrete pipe is inspected every 3 years and reinforced concrete pipe is inspected every 6 years. The 8.5 Mile, due to being a combined sewer and mostly stormwater, is on a 10-year schedule. This may be adjusted pending the results of the current inspection.

Significant project tasks that have occurred over the past month:

1. Inspections are complete and data is being submitted and reviewed.
2. After data is reviewed, punch list will be created to begin project closeout.
3. Several areas of concern discovered during the inspection along the Harper lateral were quickly addressed by MCPWO staff.
4. Overall, the 8-1/2 pipe network is in good shape with only localized spot repairs expected.

Construction Costs:

	Date (if applicable)	
Original Contract Amount	4/10/23	\$403,919.38
Total Spent to Date	Through Pay App #3	\$334,305.19
Remaining Budget		\$69,614.19

***This Table reflects the 8.5 Mile costs only.**

Chapaton Electrical Upgrades

Contractor: Rotor Electric

Engineering Consultant: Tetra Tech

Project Description:

The project consists of installing three 2 MW generators and all associated synchronous gear, new motor starters for each of the three stormwater pumps, new 15 kV switchgear, and a complete motor rebuild for storm pump 2. This project will increase the electrical resiliency of the Chapaton Pump Station.

Significant project tasks that have occurred over the past month:

1. Submittals are being received and processed by the engineering team.
2. Construction Activities per Update Period:
 - No construction activities at this time. On-site work is currently not planned until 2025.

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount		\$14,650,000.00
Total Spent to Date	Pay Apps. #	\$0.00
Remaining Budget		\$14,650,000.00



Candice S. Miller

Public Works Commissioner
Macomb County

To: 8 ½ Mile Drain Drainage District Board Members

CC: File

From: Vincent Astorino, Operations Director

Date: January 8, 2024

Subject: Chapaton Pump Station Painting Recommendation

The Chapaton Pump Station is in need of interior painting within the facility as it was last done close to 20 years ago. MCPWO has been handling as much as possible but there are a couple of areas which are more than what our staff can safely handle. Therefore, MCPWO has started budgeting to address painting key areas within the pump station. Within the current 23/24 budget there was \$150,000 allocated for this task.

MCPWO has identified two key areas that MCPWO staff is unable to paint with the resources that we have. The first area is the bottom two levels within the pump station and the second area is the main floor of the pump station. The bottom two levels were bid out and awarded to GVC Painting Company by the 8.5 Mile board, who just completed the work and did an excellent job. The remaining area which is the main floor was quoted and two quotes were received.

- GVC Painting Co. = \$60,110
- Axtell Services, Inc. = \$86,650

MCPWO has discussed the quote with the apparent low bidder, GVC Painting Co., and they are confident they can get the painting done within the quoted amount. GVC Painting Co. also performed the painting work on the lower levels and as stated above had no issues.

MCPWO staff is recommending to award the painting of the Chapaton PS Main floor and lobby to GVC Painting Co. for a total NTE amount of \$60,110.

Attachment: GVC Painting Co. Quote



1525 S. GARNER RD. MILFORD, MI 48380
 877-600-6162 FAX 248-685-0992

Proposal#	23366
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PROPOSAL

Date
12/20/2023

Name/Address
Macomb County Public Works 23001 E 9 Mile Rd St. Clair Shores, MI 48080

Terms
Upon invoice

Phone/Fax/E-mail
Project
B-1 Interior

WE HEREBY SUBMIT SPECIFICATIONS FOR:	Total
GVC Painting will supply all materials and labor to complete the job as specified.	
1.) Prepare to paint, B-1 metal ceiling and bar joist, block walls, and perimeter columns to floor line.	
2.) Mask, tape and protect all contents, tanks, floors, sprinkler heads, etc.	
3.) Hi-pressure air blow all areas to remove debris.	
4.) Paint ceiling and upper bar joist, Brilliant White.	
5.) Paint all block walls and perimeter columns, a new Grey color. Price includes stairway metal ceiling and columns.	58,940.00
Option: Foyer walls, Green tiles, primed and painted color desired.	1,170.00

All material is guaranteed to be as specified. All work to be completed in a workman like manner according to standard practices. Our workers are fully covered by workers compensation insurance.

Payment Terms: Payments not paid within the stated time period are subject to attorney fees and court cost.

Acceptance Of Proposal: The above prices, specifications and conditions are satisfactory and are accepted.

This proposal may be withdrawn by us if not accepted within 90 days.

Signature _____

EIGHT AND ONE-HALF MILE RELIEF
12/19/2023 - 01/02/2024

<u>Funding Source</u>	<u>Apportionment</u>	<u>Manager</u>	<u>Vendor</u>	<u>Amount</u>	<u>Invoice Detail</u>	<u>Project Summary</u>	<u>Project Balance</u>
8 1/2 Mile Relief	Chapter 20 State of MI – 16.04% County of Macomb – 2.25% Dept. of Roads – 2.25% Eastpointe – 54.33% St. Clair Shores – 25.13%						
		Astorino	Anderson, Eckstein & Westrick	\$ 5,256.03	Invoice #147738 - 12.07.23	Chapaton Basin Gate Rehabilitation Design	\$ 11,388.06
		Astorino	Consumers Energy	\$ 650.35	Invoice #201186296877 - 12.01.23	Monthly Natural Gas Use - 11.09.23 - 12.06.23	
		Astorino	De-Cal	\$ 1,016.20	Invoice #WO90022105-3 - 10.04.22	3rd Quarter Preventative Maintenance	
		Astorino	De-Cal	\$ 754.20	Invoice #WO9231770 - 09.06.23	Back Flow Testing	
		Tanghe	Department of Roads	\$ 520.59	Invoice 3302599A - 11.17.23	Fleet Fuel - October 2023	
		Astorino	DTE Energy	\$ 1,067.09	Invoice #23-1062 - 12.14.23	Monthly Electric - 11.11.23 - 12.13.23	
		Astorino	DTE Energy	\$ 8,037.95	Invoice #23-1063 - 12.07.23	Monthly Electric - 11.08.23 - 12.07.23	
		Astorino	Fishbeck	\$ 525.00	Invoice #431759 - 12.28.23	As-Needed Engineering through 12.22.23	
		Astorino	Home Depot	\$ 538.64	Invoice #2902309 - 08.28.23	Supplies	
		Astorino	Home Depot	\$ 598.00	Invoice #7901715 - 08.23.23	Supplies	
		Astorino	People Driven Technology	\$ 910.75	Invoice #INV8725 - 12.05.23	Sonicwall - SCADA	
		Astorino	State of Michigan	\$ 6,000.00	Invoice #761-11163191 - 12.01.23	EGLE - 2024 Annual Permit Fee	
		Astorino	Taplin Group	\$ 52,134.89	Invoice #App 3 - 12.15.23	2023 Interceptor Inspection through 12.15.23	\$ 250,815.42
		Astorino	Teledyne Instruments	\$ 516.00	Invoice #S020568890 - 11.04.22	Pump Tubing	
		Astorino	Tetra Tech	\$ 50,166.08	Invoice #52167981 - 12.05.23	In System Storage CCA through 11.24.23	\$ 235,018.55
		Astorino	Tetra Tech	\$ 8,410.00	Invoice #52167987 - 12.05.23	Chapaton Electrical CCA through 11.24.23	\$ 685,388.00
		Astorino	Tri-County Tree & All Firewood	\$ 1,400.00	Invoice #23-1060 - 08.29.23	Pine Tree Removal	
		Astorino	Weiss Construction	\$ 356,200.00	Invoice #WWS-2021-006APP20 - 11.24.23	In System Storage through 11.24.23	\$ 3,602,605.91
		Astorino	Z Contractors	\$ 1,245,982.14	Invoice #App 5 - 12.22.23	Chapaton RTB Canal Rehab through 12.30.23	\$ 13,697,526.87
Total				\$ 1,740,683.91			

Budget to Actual
8.5 Mile Relief
As of Dec 31, 2023 =25%

DESCRIPTION	2024 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
Interest Earned	275,000			275,000	0.0%
Other Revenue	5,000			5,000	0.0%
Grants	47,009,450		18,059,980	28,949,470	38.4%
8.5 O&M/Charge Required Revenue	5,260,440		2,630,220	2,630,220	50.0%
PY Revenue-Fund Balance	11,372,850			11,372,850	0.0%
Reimbursement from St. Clair Shores	710,000			710,000	0.0%
Use of Reserve	270,560			270,560	0.0%
Total Revenue Accounts	64,903,300	-	20,690,200	44,213,100	31.9%
EXPENSE ACCOUNTS					
Application/Permit Fee	6,000		6,000	-	100.0%
Dues, Training, Conf, Subs.	17,400		2,957	14,443	17.0%
Engineering					
PS Main Floor Ventilation	750,000		7,144	742,856	1.0%
Digital Twin Model Pilot Project	275,000			275,000	0.0%
Sluice & Dewatering Gates Rehab/Replacement Project	4,912,400		6,632	4,905,768	0.1%
Flushing	4,863,290		70,939	4,792,351	1.5%
General Construction/Engineering Contingency-All Projects	567,500			567,500	0.0%
As Needed Engineering	161,460		43,590	117,870	27.0%
9 Mile Emergency Bypass Structural Rehab	881,420		3,182	878,238	0.4%
9 Mile Bypass Pipe Structural Repairs-Construction/CA	50,000		16,088	33,912	32.2%
In-System Storage-Construction Admin and Construction	2,617,840			2,617,840	0.0%
In-System Storage-Construction Admin and Construction (County ARPA)	2,150,250		1,290,450	859,800	60.0%
Electrical Rehab (State and County ARPA Funds)	15,369,930		26,735	15,343,195	100.0%
Canal Rehab (State ARPA Funds)	29,489,270		16,742,795	12,746,475	100.0%
New Equipment	113,750			113,750	0.0%
Office Supplies	500			500	0.0%
Operating Supplies	96,450		4,178	92,272	4.3%
Other Professional Svcs	56,500		4,256	52,244	7.5%
Personnel Services	1,251,350			1,251,350	0.0%
Repair & Maintenance	614,500		23,327	591,173	3.8%
Contribution to Reserve	288,240			288,240	0.0%
Scada System	82,050		997	81,053	1.2%
Utilities	288,200		50,633	237,567	17.6%
Total Expense Accounts	64,903,300	-	18,299,903	46,603,397	28.2%

	O&M Balance 9/30/2023	O&M	Total 12/31/2023
Cash - Operating	15,698,301	2,390,297	18,088,598
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		20,690,200	20,690,200
Expenditures		18,299,903	18,299,903
			0
Equity*	15,698,301		18,088,598

Detail of 2023 Equity*

Chlorine storage tank relining	7,500	Capital Reserve	1,768,010
Painting	50,000	SCADA Reserve	158,470
As needed Engineering	35,723	SRF Replacement Reserve	2,851,350
Sluice and Dewatering Gates Rehab/Replace Project	3,958,336	9 Mile Bypass Pipe Struct Rprs	29,726
Flushing	3,850,637	In System Storage	1,961,964
9 Mile Emergency Bypass Structural Rehab	996,585	East Building Server	30,000

ARPA Funds	Remaining
County	
ISS	2,595,237
Electrical	9,500,000
State	
Electrical	5,903,393
Canal Rehab	20,741,110
Federal Earmark	2,500,000