

EIGHT AND ONE-HALF MILE RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
APRIL 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**

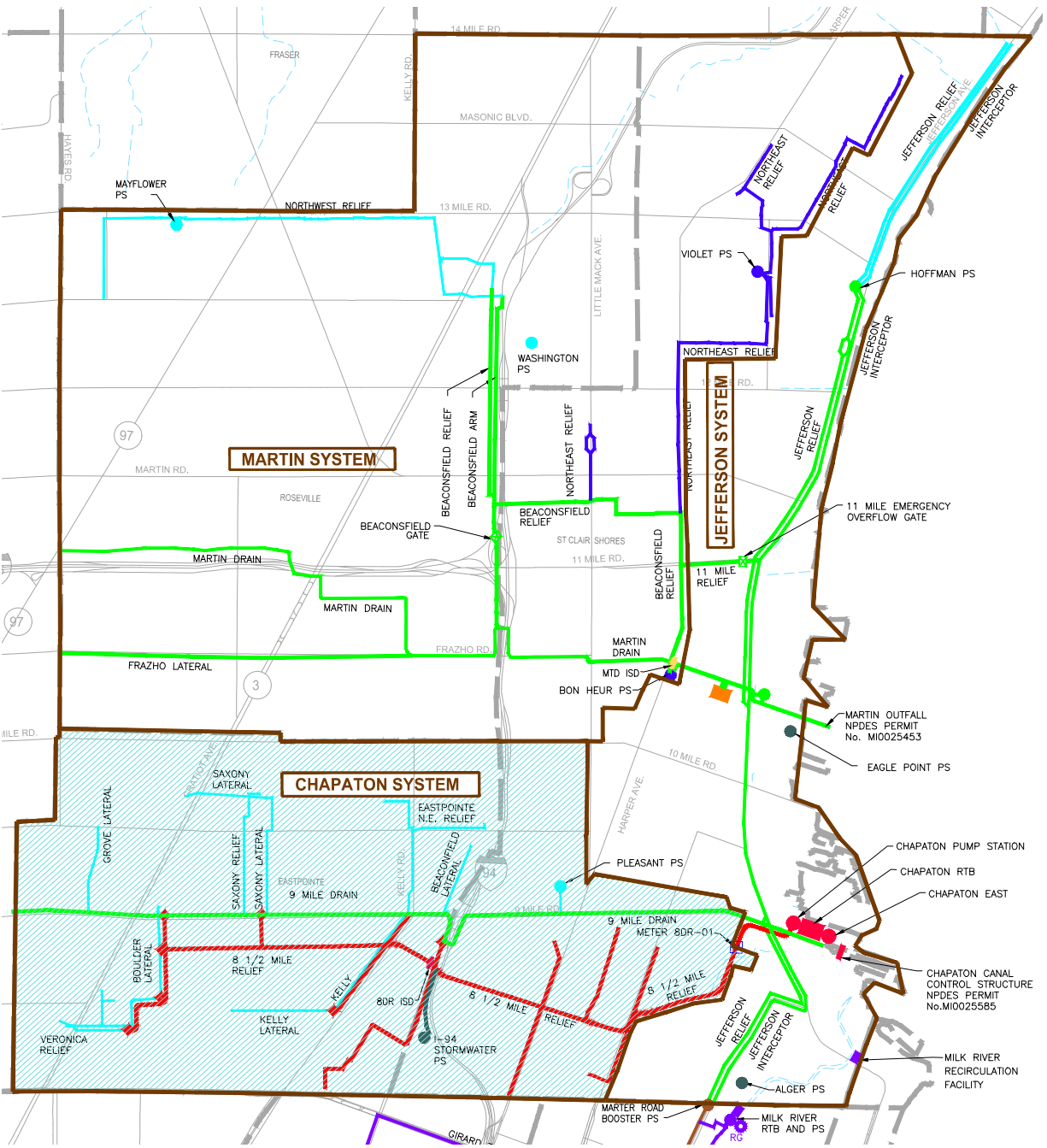
	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for April 8, 2024	
3. Approval of Minutes for March 11, 2024	3
4. Public Participation	
5. Project & Operational Updates – Vince Astorino	6
6. Insurance Policy Renewals – Bruce Manning/Stephen Saph	33
Motion: To approve the Chapter 20 General Liability Insurance coverage renewal with Argonaut Insurance Company in the amount of \$241,911 (8 ½ Mile share \$41,632.88)	
7. Chapaton Gates Replacement Project – Construction Bid Award – Vince Astorino	39
Motion: To approve the bid from Z Contractors, Inc. for \$4,005,000 to replace ten gates at the Chapaton Pump Station.	
8. Consideration for approval of invoices (see attached)	88
9. Financial Report – Bruce Manning	89
10. Adjourn	

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

CHAPATON SYSTEM MAP

Macomb County, MI

Southeast Macomb Sanitary District Wastewater Master Plan



SYSTEM LEGEND
(AS OF DATE OF PUBLICATION)

- SYSTEM BOUNDARY

DISTRICT LEGEND
(AS OF DATE OF PUBLICATION)

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

ASSET LEGEND

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

PLOT INFO: Z:\2018\181053\CAD\PRECED\SEMSD_OVERALL.DWG LAYOUT: FIG 3-6_CHAPATON SYS DATE: 7/20/2021 TIME: 1:33:59 PM USER: WESEDK1

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 March 11, 2024, at 10:07 A.M.

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

PRESENT VIA TELECONFERENCE: Jess Johnston, Sterling Heights DPW

ALSO PRESENT: Vince Astorino, Operations & Flow Manager; Brian Baker, Chief Deputy; Jeff Bednar, Environmental Resources Manager; Stephen Downing, Construction and Maintenance Manager; Norb Franz, Communications Manager; Bruce Manning, Finance Manager; Pamela Sonnenberg, Administrative Assistant; Tom Stockel, Construction Supervisor; Joe Romano, Board of Commissioners Construction Supervisor; Don VanSyckel, Board of Commissioners

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

Adopted: YEAS: 3
NAYS: 0

Minutes of the meeting of February 12, 2024, 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.

Mr. Astorino updated on the Chapaton In-System Storage project and said they are making good progress. He showed photos of the site restoration, bladder installation, and testing. A sample of the bladder was passed around the room for everyone to see. Road paving for Beaconsfield is anticipated by the end of this month, or early April.

Mr. Astorino updated on the Chapaton Canal Rehabilitation project saying that there has been a lot of progress done in the past month. He presented a photo of the decorative stamp that will be at the top of the wall. If any of the gate bladders fail, we have a portable crane which our staff can use to lower the stop log to segment out that portion. He showed updated drone pictures of the excavation. It will take a couple months to level out the grade. Ms. Lucido asked when the estimated finish time was, and Mr. Astorino said by the end of this year. Mr. Astorino said that contractually they have until August of 2025.

Mr. Astorino said that he will provide a final balance and change order on the 2023 Interceptor Inspection next month to close it out.

Mr. Astorino stated that we are working through submittals for the Chapaton Electrical upgrades and the painting is done at Chapaton.

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

Adopted: YEAS: 3
NAYS: 0

Mr. Astorino presented on the Chapaton Pump Station Ventilation project for the main floor. When the temperatures are elevated, the pump motors reach higher temperatures quicker, causing the stator and windings to degrade faster. After evaluation of the facility, OHM provided a few solutions. It was decided that a 90,000 CFM exhaust fan and air intake louvers was the best option. MCPWO advertised on the MITN to solicit bids for the project. We received 4 bids, Decima being the lowest, and A/C Building Systems being the second lowest at \$473,000. Because of various concerns, we decided to recommend awarding the job to the second lowest bidder, A/C Building System, Inc.

A motion was made by Ms. Lucido, supported by Mr. Santo to award the bid for Chapaton Pump Station Ventilation Improvements to A/C Building System, Inc. for \$473,000.

Adopted: YEAS: 3
NAYS: 0

Mr. Downing presented on the Segment 5, Segment 6, & In-System Storage Builder's Risk, Pollution and OPPI Policy Extension Premiums. In August 2020, the District authorized binding coverage with an estimated completion date. Each of these projects are behind schedule. After a review of the current project schedules, a 9-month extension is requested.

A motion was made by Mr. Santo, supported by Ms. Lucido to approve a 9-month extension of the Owner-Controlled Insurance Program (OCIP) Builder's Risk and Pollution policies with Meadowbrook Insurance Agency for the In-System Storage project based on the district's final pro-rata share of the \$66,418 premium.

Adopted: YEAS: 3
NAYS: 0

The Chair presented the invoices totaling \$2,378,483.12 to the board for review and approval.

A motion was made by Ms. Lucido, 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. Lucido.

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 10:37 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 March 11, 2024, 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: 03/11/24



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: April 8, 2024

Subject: Construction Projects Status Updates for the March 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 construction work site with swing gates and privacy fence screening.
 - Continued Beaconsfield site monitoring and documentation during construction.
 - Poured in place new octagon shaped concrete pad for the odor control media canister located in the east greenbelt of Beaconsfield Road as designed.
 - Poured in place new rectangular concrete pad for the proposed generator located in the east greenbelt of Beaconsfield Road as required.

- Poured in place two 18in concrete benches in the east and west access vaults for the ladder landings to the inflatable sewer gate bench inside the 11.5ft tunnel as required.
- Poured in place new concrete roof for the east access vault located in the east greenbelt of Beaconsfield Road as required.
- Continued to assembled ventilation fittings and dampers required for odor control and access vault ventilation as designed per plan.
- Placed new concrete storm pipe under Beaconsfield Road with approved backfill.
- Installed 2 new sluice gates in the tunnel bypass structure accessible from the east access vault as designed.
- Placed new hydraulic lines from the control building to the east access vault mechanical floor for sluice gate operation as required.
- Installed electrical conduit from the control bldg. to the west access vault and encased in a concrete duct bank as specified.
- Placed the new generator and connected electric and gas connections as specified.
- DTE on site to connect power to the Control Bldg. transformer, install the permanent electric meter and energized the building.
- Continued to install process equipment, electric panels, and displays in the Control Building as proposed.
- Initiated startup and the inflatable sewer gate inside the 11.5ft tunnel and began testing for upcoming commissioning of the equipment as required per the contract agreement.

3. Construction Look Ahead:

- Continue cleanup of construction scrap, spoils, and materials along Beaconsfield greenbelt.
- Continue Beaconsfield site security, monitoring, and documentation.
- Remove Security fence and re-open road for Beaconsfield traffic.
- Remove and replace concrete pavements damaged/removed during construction activity at Beaconsfield and Oak intersection.
- Finish odor control carbon canister and equipment installation at Beaconsfield greenbelt.
- Continue with startup and installation of the process and electrical equipment, controls, and displays at the Beaconsfield Control building as required.
- Place stone and grade accordingly for access drive at the Gaukler worksite as proposed.
- Finish work activities at the Kelly and Malvern site and begin site restorations.
- Work on the Control building exterior finishes and prepare to install the floor coating.
- Remove temporary utility pole in easement per agreement with property owner.

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 – 23	\$8,275,296.91
Remaining Budget		\$1,667,569.58

Figure 1 – Placing Concrete Storm Pipe @ Beaconsfield Rd.



Figure 2 – Placing Concrete Media Canister Pad @ Beaconsfield Site



Figure 3 – Installing Odor Control Media Tank @ Beaconsfield Site



Figure 4 – Pouring Concrete Generator Pad @ Beaconsfield Site



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

Figure 5 – Placing Backup Generator @ Beaconsfield Site



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Figure 6 – Installed Sluice Gates for Tunnel Bypass @ Beaconsfield 11.5 FT Tunnel



Figure 7 - Installing Exterior Finishes to Control Bldg. @ Beaconsfield Site



Figure 8 – DTE Installing Meter & Powering Control Bldg. @ Beaconsfield Site



Figure 9 – Placing Concrete Bench @ Beaconsfield 11.5 FT Tunnel



Figure 10 – Placing East Access Vault Roof Conc. @ Beaconsfield Site



Figure 11 – Drone Aerial at 200 FT



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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 gate slab
 - Installed TideFlex check valve within stormwater discharge chamber
 - Drove last line of sheeting to connect to existing sheets.
 - Install walers and tie-backs on northerly sheeting wall (east to west)
 - Cleared and restored remainder of south property line
 - Formed northerly gate structure divider walls and abutment plates
 - Filled area north of outfall structure (behind East and Aeration Buildings)

2. Construction Look Ahead:
 - Form and pour southerly gate structure divider walls
 - Place forms and install rebar / utilities for gate structure top slab
 - Continue excavating and hauling earth from canal bottom.
 - Begin Phase 2 utilities improvements along E. 9 Mile.

Construction Costs:

	Date (if applicable)	Amount
Original Contract Amount	7/28/2023	\$27,374,710.00
Change Order 001	2/12/2024	\$300,969.50
Revised Contract Amount		\$27,675,679.50
Total Spent to Date	Through Pay App. #8	\$16,167,852.18
Remaining Budget		\$11,507,827.32

Figure 12 – Gate Slab Pour (elevation 575)



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Figure 13 – Gate Slab pour completed and stripped



Figure 14 – 36” Tideflex valve in storm discharge chamber

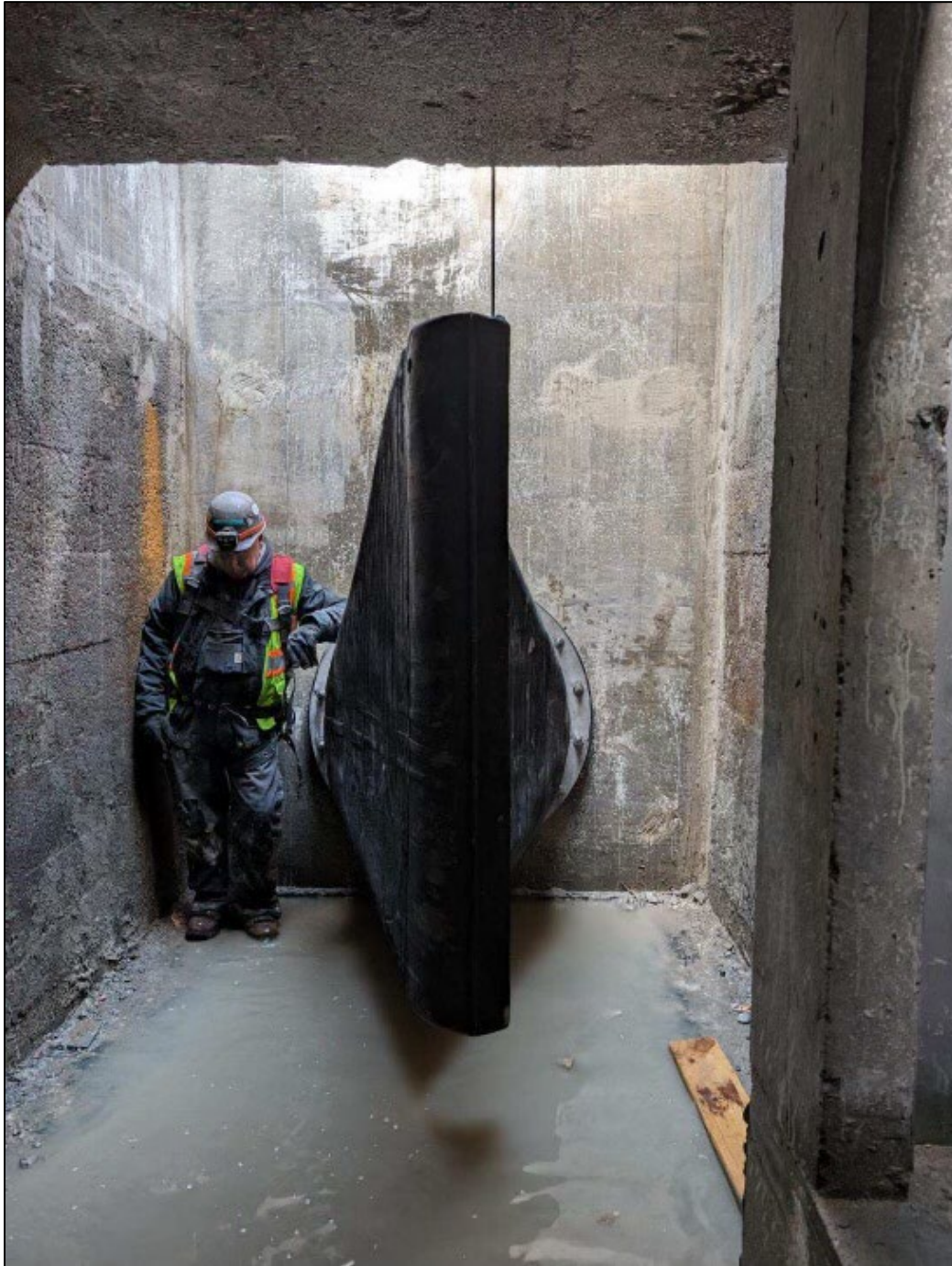


Figure 15 – Last line of new sheeting tied into existing Boat Ramp sheeting



Figure 16 – Walers and Tieback installation



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Figure 17 – South side restoration



Figure 18 – Southside restoration along parking structure



Figure 19 – Abutment Plate assembly

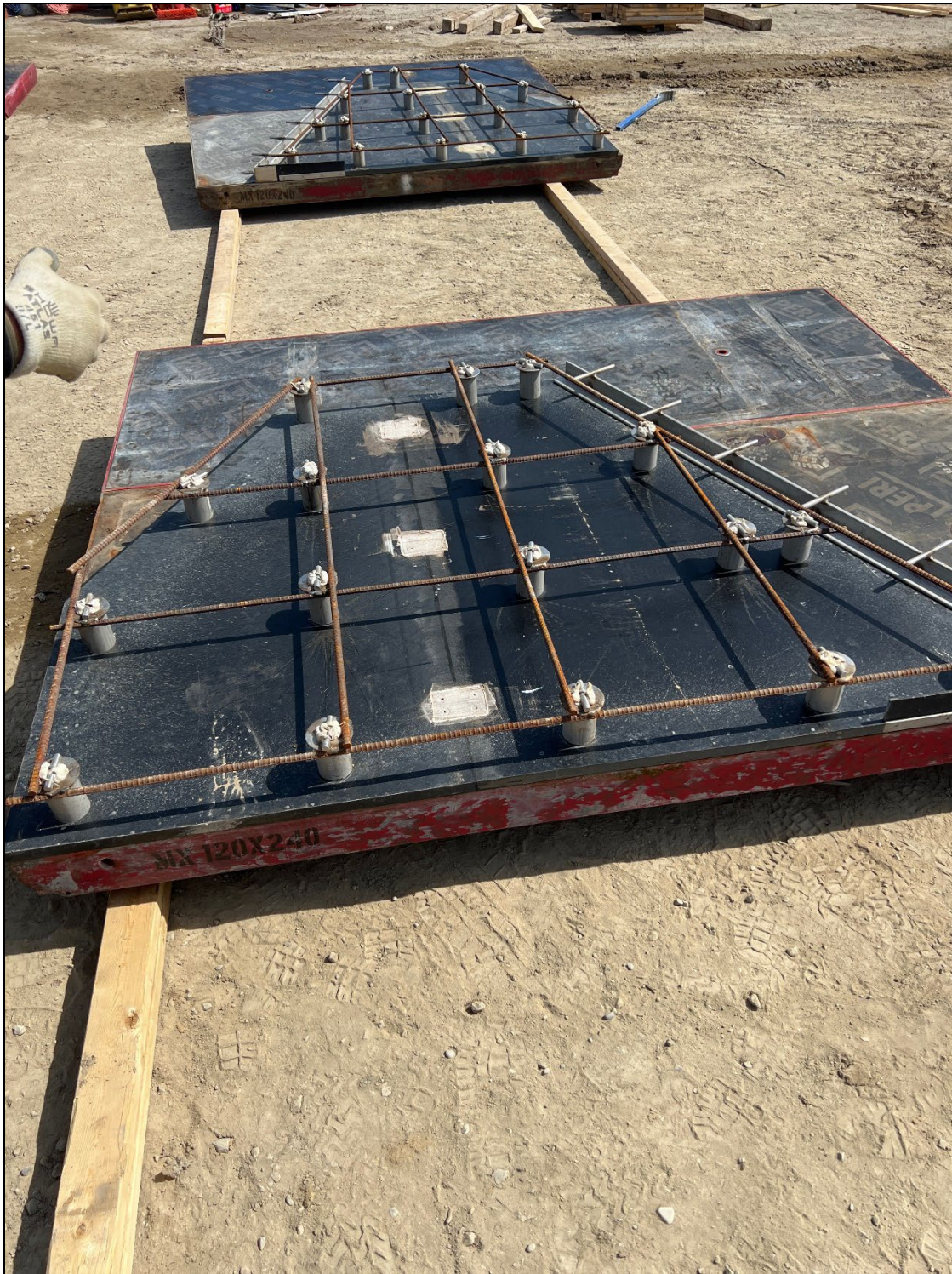


Figure 20 – Abutment Plate assembly installed (future weir gate location)



Figure 21 – Earthwork and restoration behind East Building



Figure 22 – Drone Aerial at 100 FT Facing East (Baseline)



Figure 23 – Drone Aerial at 100 FT Facing East (03/28/24)



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Figure 24 – Drone Aerial at 100 FT Facing West (03/28/24)



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



NICKEL & SAPH, INC.

INSURANCE SINCE 1929

MAILING ADDRESS:

P.O. BOX 46907
MT. CLEMENS, MI 48046-6907

OFFICE ADDRESS:

44 MACOMB PLACE
MT. CLEMENS, MI 48043
(586) 463-4573 • (810) 765-8887
1-800-657-7373 • FAX: (586) 463-3135
www.nickelsaph.com

March 26, 2024

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

Dear Mr. Baker:

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

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

General Liability

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

Automobile Liability

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

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

Public Officials' Liability

Aggregate Limit: \$2,000,000
Per Wrongful Act Limit: \$1,000,000
Deductible each Wrongful Act: \$100,000
Claims Made Policy Form
Prior Acts/Retroactive Date: April 26, 2021

Excess Liability

Each Occurrence or Wrongful Act:	\$10,000,000
Annual Aggregate:	\$10,000,000

Premium

Annual Premium:	\$235,739
Optional Terrorism Risk Insurance:	\$6,172
Total Annual Premium:	\$241,911

The expiring annual premium was \$229,845. The renewal offering has increased \$12,066 or 5.25%. The year before, the premium increased \$19,232 or 9.13%. Last year, Terrorism Risk Insurance was included (optional coverage). Premium is not subject to annual audit.

The liability premium is based, in part, upon expenditures. Last year ('21/'22) an amount of \$79,527,750 was reported. This year ('22/'23) an amount of \$63,751,545 was reported.

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

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

Argonaut has included their proprietary "360" endorsement which adds the following coverage enhancements to the General Liability: Blanket Additional Insured (when required by written contract, agreement, or permit). Broadcasting, Publishing, and Telecasting offenses are covered under Personal Injury. By separate endorsement, Limited Pollution Liability Coverage (extended for Property Damage under the General Liability policy – excludes Bodily Injury) is added for the reverse flow of sewage (endorsement GL-210 [07/00]).

As with the expiring contract, Argonaut is offering: **1)** a traditional underlying and excess policy format. No impact on the afforded coverages: same carriers (underlying and excess), same claims and underwriting staff, and same occurrence limit of liability - \$11,000,000. **2)** Covered claims are subject to a \$100,000 deductible. **3)** The Public Officials' liability coverage is offered on a Claims Made policy form in lieu of an Occurrence form. A retroactive date of April 26, 2021 will apply to covered claims. **4)** The excess liability policy does not afford excess automobile liability coverage; the proposed policy affords \$1,000,000 Hired & Non-owned Automobile Liability. The coverage is afforded by way of a Combined (Bodily Injury and Property Damage) Single Limit formant (as before). The afforded limit is provided per Occurrence with no aggregate restrictions (again, same as before). **5)** The combined aggregate limit of liability for covered General Liability and Public Officials' Liability claims is \$11,000,000.

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

Please review this information and contact me with any questions or concerns. I plan to attend the next Board meeting on Monday, April 8, 2024 (the current coverage expires on April 26, 2024). Thank you.

Sincerely,

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

Stephen R. Saph, Jr., LIC
Agent

Enclosure

Chapter 20
Insurance Cost Breakdown
April 26, 2024 Renewal

DRAIN NAME	2024 PERCENT	PORTION OF INSURANCE
Eight Half Mile Relief	17.210%	\$ 41,632.88
Martin Sanitary Diversion	0.590%	\$ 1,427.27
MIDDD	82.200%	\$ 198,850.84

Insurance bill	\$ 241,911.00
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*** After an analysis of the 2023 expenses, other drain's portions were minimal and insignificant

MIDDD Costs	
Liability	\$ 198,850.84
Third-Party Administrator	\$ 1,750.00
Underground Infrastructure	<u>\$ 21,000.00</u>
MIDDD Total Cost	\$ 221,600.84

Chapter 20
Insurance Cost Breakdown
April 26, 2024 Renewal

DRAIN NAME	2023 PERCENT	\$ INSURANCE BREAKDOWN 2023	2024 PERCENT	\$ INSURANCE BREAKDOWN 2024	\$ Increase over last year	Percent Increase over last year
Eight Half Mile Relief	8.590%	\$ 19,744	17.210%	\$ 41,632.88	\$ 21,889	110.87%
Martin Sanitary Diversion	1.662%	\$ 3,820	0.590%	\$ 1,427.27	\$ (2,393)	-62.64%
MIDDD	89.748%	\$ 206,281	82.200%	\$ 198,850.84	\$ (7,430)	-3.60%

Insurance Premium		\$ 229,845		\$ 241,911	\$ 12,066	5.25%
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*** After an analysis of the 2023 expenses, other drain's portions were minimal and insignificant

Chapter 20
Insurance Cost Breakdown
April 26, 2024 Renewal

DRAIN NAME	2024 PERCENT	PORTION OF INSURANCE	2023	2022	2021	2020	2019	2018
Eight Half Mile Relief	17.210%	\$ 41,632.88	8.59%	5.18%	5.436%	3.40%	2.00%	2.00%
Martin Sanitary Diversion	0.590%	\$ 1,427.27	1.66%	0.90%	0.662%	0.60%	0.00%	0.00%
MIDDD	82.200%	\$ 198,850.84	89.75%	93.92%	93.901%	96.00%	98.00%	98.00%

Insurance bill	\$ 241,911.00	229,845	210,613	197,864	189,360	185,706	182,352
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*** After an analysis of the 2023 expenses, other drain's portions were minimal and insignificant

MIDDD Costs	
Liability	\$ 198,850.84
Third-Party Administrator	\$ 1,750.00
Underground Infrastructure	\$ 21,000.00
MIDDD Total Cost	\$ 221,600.84



TO: 8-1/2 Mile Relief Drain Drainage District Board Members

FROM: Vince Astorino, Operations Director

DATE: April 1, 2024

RE: Chapaton Gates Rehabilitation – Contractor Award

The Chapaton Pump Station (PS) was constructed in 1968 and much of the equipment within the facility is original to the facility and has reached the end of its useful life. As part of the Macomb County Public Works Office (MCPWO) planning process a capital improvement plan (CIP) was developed several years ago and one of the key projects is the replacement and rehabilitation of all the sluice gates at the facility. These gates are critical to the operations of the facility. The current 8-1/2 Mile Relief Drain Drainage District budget has \$5,000,000 allocated for this project.

Starting in November 2022 and following Board authorization, MCPWO staff engaged AEW, to design rehabilitation and/or replacement of each of the ten (10 gates). Following the completion of the detailed plans and specifications, the project was publicly advertised on MITN. On March 28, 2024, MCPWO received one (1) lump sum bid as follows:

- Z Contractors, Inc. – \$ 3,980,000.00

The bid package also included three (3) alternates. Alternatives 1 and 2 were to rehabilitate the Jefferson Emergency Diversion Gate and the 9 Mile Station Gate as opposed to replacement. Based on review of the base bid replacement versus the alternative rehabilitation, deductions for rehabilitation were not cost effective and are not recommended. Alternative 3 was to provide new electrical and communication conduits for the replaced gates. This alternative was for an additional \$25,000 and is recommended for this project.

MCPWO staff and AEW have reviewed the documents submitted by Z Contractors and are confident that Z Contractors will be able to complete this project.

MCPWO staff is recommending to award the contract to Z Contractors, Inc. in the total amount of \$4,005,000.00 to perform the work associated with the Chapaton Gates Rehabilitation. MCPWO staff is confident that Z Contractors, Inc. will be able to perform the work for the bid price. Upon board approval, MCPWO staff will coordinate with Z Contractors, Inc. to finalize the contract.

Attachments: AEW Recommendation Letter Dated 04-01-24
Z Contractors Bid Form Dated 03-28-24



ANDERSON, ECKSTEIN & WESTRICK, INC.

CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

Shelby Township - Roseville - Livonia

586.726.1234 | www.aewinc.com

April 1, 2024

Steve Rozycki, PE, Engineer II
Macomb County Public Works Office
21777 Dunham Road
Clinton Township, Michigan 48036

Reference: Recommendation of Award
8 1/2 Mile Relief Drain Drainage District
Chapaton Basin Gate Rehabilitation
Project Number WWS-2022-008
AEW Project No. 0211-0212

Dear Mr. Rozycki:

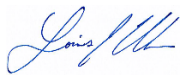
As you are aware Anderson, Eckstein and Westrick, Inc. (AEW) prepared plans and specifications for the Chapaton Basin Gate Rehabilitation project. The project includes replacement of ten gates throughout the Chapaton RTB, facility modifications, with disposal of the existing gates and hydraulic systems. The purpose of this project is to provide gate replacements that will be reliable and ensure a long service life to the Basin.

Bids were received by the Macomb County Public Works Office on Thursday, March 28, 2024 as attached. The only bidder was Z Contractors, Inc., with a total bid of \$3,980,000.00. Three Alternate bid items were included. The first and second alternate were to rehabilitate the Jefferson Emergency Diversion Gate and 9 Mile station Gate within the existing chamber. Based on the cost of these alternates exceeding 50% of a new gate, it is recommended that a new gate be installed and Alternates 1 and 2 be excluded. Alternate 3 included new electrical conduit from HPU II to the existing station, with a bid of \$25,000. It is recommended Alternate 3 be awarded based on bid cost and available funding. While only one Bid was received, the bid amount corresponds with the Engineer's Opinion of Probable Cost of \$3,978,710.00 for the Base Bid without contingency and \$4,575,000 including construction contingencies. After including approval of Alternate 3, the total awarded contract would be \$4,005,000.

AEW is familiar with Z Contractors and believes they are capable of completing the work included in this contract. Based upon previous work experience with the successful bidder and the available funding for the project, we recommend award of the 8 1/2 Mile Relief Drain Drainage District contract to Z Contractors, Inc., 50500 Design Lane, Shelby Township, MI 48315.

Sincerely,


Taylor Sting, PE, CFM
Project Manager


Louis J. Urban, PE
Project Manager

Enclosure: Bid Tabulation, Engineers Estimate of Probable Cost
cc: Vince Astorino, Operations Director, MCPWO
Steven Wagner, PE, Engineer II, MCPWO
M:\0211\0211-0212\Gen\Letters\Recommendation of Award LJU.docx



TABULATION OF BIDS

EIGHT AND ONE-HALF MILE RELIEF DRAIN DRAINAGE DISTRICT

CHAPATON BASIN GATES REHABILITATION

WWS-2022-0008

AEW PROJECT NO. 0211-0212

Prepared by: Anderson, Eckstein and Westrick, Inc.

51301 Schoenherr Road

Shelby Township, MI 48315

DATE: 3/28/2024

TIME: 10:00 AM

BIDDER RANKING

RANK	BIDDER'S NAME	TOTAL BID	ALTERNATE 1	ALTERNATE 2	ALTERNATE 3
1	Z Contractors, Inc.	\$ 3,980,000.00	-55,000.00	-39,000.00	25,000.00



TABULATION OF BIDS

EIGHT AND ONE-HALF MILE RELIEF DRAIN DRAINAGE DISTRICT
 CHAPATON BASIN GATES REHABILITATION
 WWS-2022-0008
 AEW PROJECT NO. 0211-0212

Z Contractors, Inc.
 50500 Design Lane
 Shelby Township, MI 48315

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount
1.	General Conditions, Mobilization, & Indirect Costs (5% Max)	1	LS	175,000.00	175,000.00
2.	RTB Dewatering Gate-Complete	1	LS	285,000.00	285,000.00
3.	Jefferson Emergency Diversion Gate-Complete	1	LS	382,000.00	382,000.00
4.	9 Mile Station Gate-Complete	1	LS	373,000.00	373,000.00
5.	9 Mile Basin Gates-Complete	1	LS	572,000.00	572,000.00
6.	Influent Bypass Gates Removal-Complete	1	LS	239,000.00	239,000.00
7.	Effluent Bypass Gates Rehab-Complete	1	LS	100,000.00	100,000.00
8.	Existing Bypass Dewatering Improvements-Complete	1	LS	60,000.00	60,000.00
9.	New Bypass Dewatering Gate-Complete	1	LS	253,000.00	253,000.00
10.	HPU I-Complete	1	LS	356,000.00	356,000.00
11.	HPU II-Complete	1	LS	391,000.00	391,000.00
12.	Accumulator A Demolition and Disposal	1	LS	30,000.00	30,000.00
13.	Accumulator B Demolition and Disposal	1	LS	30,000.00	30,000.00
14.	Accumulator D Demolition and Disposal	1	LS	30,000.00	30,000.00
15.	All other Work not included in items 1 through 14	1	LS	664,000.00	664,000.00
16.	Lump Sum Cash Allowance Total (see table below)	1	LS	40,000.00	40,000.00
TOTAL AMOUNT BASE BID				\$	3,980,000.00
Alternate 1					
17.	Rehab of Jefferson Emergency Diversion Gate (Sheet 2A, modifies price of Jefferson Emergency Diversion Gate -Complete [Add] [Deduct] (circle one)			\$	(55,000.00)
Alternate 2					
18.	Rehab of 9 Mile Station Gate (Sheet 3A, modifies Price of 9 Mile Station Gate - Complete) [Add] [Deduct] (circle one)			\$	(39,000.00)
Alternate 3					
19.	Provide New electrical and communications conduit run from proposed HPU II to connection points within station (Sheet C-02) [Add] [Deduct] (circle one)			\$	25,000.00



**RECOMMENDED OPTIONS
 PRELIMINARY ENGINEERS ESTIMATE**
 AEW PROJECT NO. 0211-0212

OWNER: Macomb County Public Works Office
 PROJECT: Chapaton Gate Replacement Project
 PREPARED BY: Elise Walker & Taylor Sting, PE
 DATE: 3/26/2024

RECOMMENDED OPTIONS PRELIMINARY ENGINEERS ESTIMATE

WORK ITEM				AMOUNT
1. RTB Dewatering Gate, Jefferson Emergency Diversion Gate & 9 Mile Station Gate				
RTB Dewatering Gate				
1. 30" x 30" Stainless Steel Gate	1	Ea	\$ 37,000.00	\$ 37,000.00
2. Gate Installation	1	LS	47,000.00	47,000.00
3. New Actuation Cylinder	1	Ea	30,000.00	30,000.00
4. Actuation System Installation	1	LS	15,000.00	15,000.00
5. Flushing Piping modifications	1	LS	5,000.00	5,000.00
6. Concrete work	17	Cy	500.00	8,500.00
7. Abandon Existing Hydraulic Lines	200	Ft	25.00	5,000.00
8. New Hydraulic lines to new Accumulator	300	Ft	75.00	22,500.00
9. Excavation, Backfill	25	Cy	15.00	375.00
10. Backfill	25	Cy	60.00	1,500.00
11. Coring & Sealing	1	LS	25,000.00	25,000.00
12. Restoration	100	Syd	25.00	2,500.00
13. Site Electrical (Accumulator to MCC Connection, Control Cabinet)	1	LS	40,000.00	40,000.00
14. CSE, Rigging	1	LS	75,000.00	75,000.00
RTB Dewatering Gate Recommendation Subtotal				\$ 314,375.00
Jefferson Emergency Diversion Gate				
1. 60" x 48" Cast Iron Gate	1	Ea	\$ 51,000.00	\$ 51,000.00
2. Gate Installation	1	LS	60,000.00	60,000.00
3. New Actuation Cylinder	1	Ea	35,000.00	35,000.00
4. New Hydraulic lines to new Accumulator	80	Ft	75.00	6,000.00
5. Exposing removable concrete panel	75	Cy	25.00	1,875.00
6. Access Hatch	35	Sf	200.00	7,000.00
7. Concrete riser for new access	1	LS	15,000.00	15,000.00
8. Abandon existing hydraulic lines	450	Ft	25.00	11,250.00
9. Restoration	100	Syd	25.00	2,500.00
10. Relocation of site Electrical Cabinet	1	LSUM	60,000.00	60,000.00
11. Bollard, Rem	3	Ea	500.00	1,500.00
12. Temporary Flow Control Operation	1	LSUM	50,000.00	50,000.00
13. CSE, Rigging, Platform	1	LSUM	75,000.00	75,000.00
Jefferson Emergency Diversion Subtotal				\$ 376,125.00
9 Mile Station Gate				
1. 60" x 72" Cast Iron Gate	1	Ea	\$ 66,000.00	\$ 66,000.00
2. Gate Installation	1	LS	78,000.00	78,000.00
3. New Actuation Cylinder	1	Ea	45,000.00	45,000.00
4. New Hydraulic lines to new Accumulator	100	Ft	75.00	7,500.00
5. Pavement, Remove	35	Syd	20.00	700.00
6. Exposing removable concrete panel	75	Cy	25.00	1,875.00
7. Access Hatch (H-20)	35	Sf	350.00	12,250.00
8. Concrete riser for new access	1	LS	15,000.00	15,000.00
9. Abandon existing hydraulic lines	300	Ft	25.00	7,500.00
10. Concrete Pavt, 8 Inch	33	Syd	100.00	3,300.00
11. Aggregate Base, 8 inch	33	Syd	20.00	660.00
12. Restoration	100	Syd	25.00	2,500.00
13. CSE, Rigging, Platform	1	LSUM	75,000.00	75,000.00
Station Gate Subtotal				\$ 315,285.00
Shared Accumulator				
1. New Shared HPU (No Accumulator)	1	LS	250,000.00	250,000.00
2. Actuation System Installation (50% of unit cost)	1	LS	150,000.00	150,000.00
3. Electrical Conduit & Cable from MCC to Accumulator	600	Ft	35.00	21,000.00
4. Site Electrical (Control Cabinet)	1	LS	40,000.00	40,000.00
Shared Accumulator Subtotal				\$ 461,000.00
RTB Dewatering Gate, Jefferson Emergency Diversion and 9 Mile Station Gate Recommendation Subtotal				\$ 1,466,785.00



2. Basin Gates and Bypass Gates

9 Mile Basin Gates

1. 72" x 48" Cast Iron Gate	2	Ea	\$ 66,000.00	\$ 132,000.00
2. Gate Installation	1	LS	134,000.00	134,000.00
3. New Actuation Cylinder	2	Ea	30,000.00	60,000.00
4. New Hydraulic lines to new Accumulator	140	Ft	75.00	10,500.00
5. Abandon existing hydraulic lines	400	Ft	25.00	10,000.00
6. Orifice Modifications (Plate/Custom Frame)	1	LS	30,000.00	30,000.00
7. Temporary Flow Control Bracing	1	LS	7,000.00	7,000.00
8. CSE, Rigging	1	LS	75,000.00	75,000.00
			Basin Gate Subtotal	\$ 458,500.00

Bypass Gates: Reuse Effluent Gates, Demo Influent Gates

1. Replace Seals and Wedges (Effluent)	2	Ea	25,000.00	50,000.00
2. Installation	1	LS	70,000.00	70,000.00
3. New Actuation Cylinder	2	Ea	50,000.00	100,000.00
4. New Hydraulic lines to new Accumulator	100	Ft	75.00	7,500.00
5. Demolish Existing 84" x 96" Influent Gates	2	Ea	60,000.00	120,000.00
6. Abandon existing hydraulic lines	70	Ft	25.00	1,750.00
7. Gate Structure Modifications (remove Influent fencing & brick structure)	1	LS	25,000.00	25,000.00
8. Restoration	100	Syd	25.00	2,500.00
9. Temporary Flow Control Bracing	1	LS	10,000.00	10,000.00
10. CSE, Rigging	1	LS	15,000.00	15,000.00
11. 48" x 102" Access Hatch	408	Sft	130.00	53,040.00
12. 48" x 48" Access Hatch	192	Sft	130.00	24,960.00
13. Relocated Flushing Pipe	1	LS	5,000.00	5,000.00
14. Remove Existing Concrete (Inc. saw cut)	135	Syd	20.00	2,700.00
15. Concrete	180	Syd	100.00	18,000.00
			Bypass Gate Subtotal	\$ 505,450.00

Shared Accumulator

1. New Shared HPU (No Accumulator)	1	Ea	250,000.00	250,000.00
2. Actuation System Installation	1	LS	125,000.00	125,000.00
3. Electrical Conduit & Cable from Ex electrical to Accumulator	200	Ft	35.00	7,000.00
4. Site Electrical (Control Cabinet)	1	LS	40,000.00	40,000.00
			Shared Accumulator Subtotal	\$ 422,000.00

9 Mile Basin Gates and Bypass Gates Recommendation Subtotal \$ 1,385,950.00

3. Bypass Dewatering Gates

Existing Bypass Dewatering

1. Replace Seals and Wedges	1	Ea	\$ 20,000.00	\$ 20,000.00
2. New Electrical Actuator	1	Ea	19,000.00	19,000.00
3. Actuator Installation	1	LS	13,300.00	13,300.00
			Existing Bypass Dewatering Subtotal	\$ 52,300.00

New Bypass Dewatering

1. 36" x 36" Cast Iron Gate	1	Ea	\$ 45,000.00	\$ 45,000.00
2. New Electrical Actuator	1	Ea	19,000.00	19,000.00
3. Actuator Installation	1	LS	13,300.00	13,300.00
4. Sump cut out and Modification	1	Ea	12,000.00	12,000.00
5. Structural Modifications	1	LS	45,000.00	45,000.00
6. Flushing Piping modifications	1	LS	20,000.00	20,000.00
7. Excavation, Backfill	25	Cy	15.00	375.00
8. Backfill	25	Cy	60.00	1,500.00
9. Coring & Sealing	1	LS	25,000.00	25,000.00
10. Restoration	100	Syd	25.00	2,500.00
11. Site Electrical (Accumulator to MCC Connection, Control Cabinet)	1	LS	40,000.00	40,000.00
12. CSE, Rigging	1	LS	75,000.00	75,000.00
			New Bypass Dewatering Subtotal	\$ 298,675.00
			Bypass Dewatering Subtotal	\$ 350,975.00



ANDERSON, ECKSTEIN & WESTRICK, INC.
 CIVIL ENGINEERS - SURVEYORS - ARCHITECTS
 Shelby Township - Roseville - Livonia
 586.726.1234 | www.aewinc.com

4. Additional Demolition

Demolition of Accumulator A

1. Decommission	1	LS	10,000.00	\$ 10,000.00
2. Removal & Disposal	1	LS	<u>65,000.00</u>	<u>65,000.00</u>

Demolition of Accumulator B

1. Decommission	1	LS	20,000.00	20,000.00
2. Disassembly	1	LS	100,000.00	100,000.00
3. Removal & Disposal	1	LS	<u>280,000.00</u>	<u>280,000.00</u>

Demolition of Accumulator D

1. Decommission	1	LS	10,000.00	10,000.00
2. Removal & Disposal	1	LS	<u>65,000.00</u>	<u>65,000.00</u>

Demolition of Influent Riser

1. Saw cut	1	LS	10,000.00	10,000.00
2. Structure Modification	1	LS	150,000.00	150,000.00
3. Removal & Disposal	1	LS	<u>65,000.00</u>	<u>65,000.00</u>

Compiled Demo Subtotal \$775,000.00

Project Summary

	Construction Subtotal	\$3,978,710.00
Mobilization (5%)		198,935.50
Permits		5,000.00
Engineering		87,600.00
Construction Engineering (6% est)		238,722.60
Contingencies (15%)		596,806.50
	Project Total	\$5,105,774.60

BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

- 1.01 This Bid is submitted to: **8-1/2 Mile Relief Drain Drainage District**
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

- 2.01 The following documents are submitted with and made a condition of this Bid:
- A. Required Bid security;
 - B. List of Proposed Subcontractors;
 - C. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids;
 - D. Contractor's license number as evidence of Bidder's State Contractor's License or a covenant by Bidder to obtain said license within the time for acceptance of Bids;
 - E. Required Bidder Qualification Statement with supporting data;

ARTICLE 3—BASIS OF BID—LUMP SUM BID

- 3.01 *Lump Sum Bids*
- A. Bidder will complete the Work in accordance with the Contract Documents for the following lump sum (stipulated) price(s):
- 1. Lump Sum Price (Single Lump Sum)

Lump Sum Bid Price (figures)	\$ 3,980,000.00
Lump Sum Bid Price (words)	Three Million Nine Hundred Eighty Thousand 0/100

- 2. The Lump Sum Bid Price set forth above includes and is comprised of the following divisions of the proposed Work:

Item No.	Description	Amount
1	General Conditions, Mobilization, & Indirect Costs (5% Max)	\$ 175,000.00
2	RTB Dewatering Gate-Complete	\$ 285,000.00
3	Jefferson Emergency Diversion Gate-Complete	\$ 382,000.00
4	9 Mile Station Gate-Complete	\$ 373,000.00
5	9 Mile Basin Gates-Complete	\$ 572,000.00
6	Influent Bypass Gates Removal-Complete	\$ 239,000.00
7	Effluent Bypass Gates Rehab-Complete	\$ 100,000.00
8	Existing Bypass Dewatering Improvements-Complete	\$ 60,000.00
9	New Bypass Dewatering Gate-Complete	\$ 253,000.00
10	HPU I-Complete	\$ 356,000.00
11	HPU II-Complete	\$ 391,000.00
12	Accumulator A Demolition and Disposal	\$ 30,000.00
13	Accumulator B Demolition and Disposal	\$ 30,000.00
14	Accumulator D Demolition and Disposal	\$ 30,000.00
15	All other Work not included in items 1 through 14	\$ 664,000.00
16	Lump Sum Cash Allowance Total (see table below)	\$40,000.00

B. All specified cash allowance(s) are included in the price(s) set forth below, and have been computed in accordance with Paragraph 13.02 of the General Conditions.

Description	Amount
Lump Sum for Cash Allowance 1 – Electrical and I/C Allowance	\$30,000.00
Lump Sum for Cash Allowance 2 – Permits	\$10,000.00
Lump Sum Cash Allowance Total (item No. 16 Above):	\$40,000.00

C. Alternates (Refer to specification Section 01 23 00)

Alternate 1 – Rehab of Jefferson Emergency Diversion Gate (Sheet 2A, modifies price of Jefferson Emergency Diversion Gate - Complete) [Add] Deduct (circle one)	\$ 127,500.00 -55,000.00	BZ
Alternate 2 – Rehab of 9 Mile Station Gate (Sheet 3A, modifies Price of 9 Mile Station Gate - Complete) [Add] Deduct (circle one)	\$ 133,500.00 -39,000.00	BZ
Alternate 3 – Provide New electrical and communications conduit run from proposed HPU II to connection points within station (Sheet C-02) Add [Deduct] (circle one)	\$ 25,000.00	

ARTICLE 4—TIME OF COMPLETION

- 4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER’S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

- 5.01 *Bid Acceptance Period*
 - A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.
- 5.02 *Instructions to Bidders*
 - A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.
- 5.03 *Receipt of Addenda*
 - A. Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Addendum Date
1	2/27/2024
2	3/11/2024
3	3/18/2024
4	3/22/2024

ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS

- 6.01 *Bidder’s Representations*
 - A. In submitting this Bid, Bidder represents the following:
 - 1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
 - 2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
 - 3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
 - 4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
 - 5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in

the Supplementary Conditions, with respect to Technical Data in such reports and drawings.

6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder's (Contractor's) safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 *Bidder's Certifications*

- A. The Bidder certifies the following:
 1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
 2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
 3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
 4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.

- c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
- d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

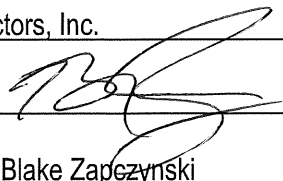
BIDDER hereby submits this Bid as set forth above:

Bidder:

Z Contractors, Inc.

(typed or printed name of organization)

By:



(individual's signature)

Name: Blake Zapczynski

(typed or printed)

Title: President

(typed or printed)

Date: March 28, 2024

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest:



(individual's signature)

Name: Kevin Anderson

(typed or printed)

Title: Estimator

(typed or printed)

Date: March 28, 2024

(typed or printed)

Address for giving notices:

50500 Design Lane

Shelby Twp, MI 48315

Bidder's Contact:

Name: Blake Zapczynski

(typed or printed)

Title: President

(typed or printed)

Phone: 586-625-8899

Email: bzap@z-contractors.com

Address:

50500 Design Lane

Shelby Twp, MI 48315

Bidder's Contractor License No.: (if applicable) N/A

BID BOND (PENAL SUM FORM)

Bidder Name: Z Contractors, Inc. Address (<i>principal place of business</i>): 50500 Design Lane Shelby Township, MI 48315	Surety Name: Great American Insurance Company Address (<i>principal place of business</i>): 301 E. Fourth Street Cincinnati, OH 45202
Owner Name: 8-1/2 Mile Relief Drain Drainage District Address (<i>principal place of business</i>): 21777 Dunham Road Clinton Township, MI 48036	Bid Project (<i>name and location</i>): Chapaton Basin Gates Rehabilitation St. Clair Shores, MI WWS-2022-008 Bid Due Date: March 28, 2024
Bond Penal Sum: Five Percent of Accompanying Bid --- (5% of Bid) Date of Bond: March 28, 2024	
Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth in this Bid Bond, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.	
Bidder Z Contractors, Inc. _____ (<i>Full formal name of Bidder</i>)	Surety Great American Insurance Company _____ (<i>Full formal name of Surety</i>) (<i>corporate seal</i>)
By: _____ (<i>Signature</i>)	By: _____ (<i>Signature</i>) (<i>Attach Power of Attorney</i>)
Name: <u>BRUCE ZYR CZYNSKI</u> (<i>Printed or typed</i>)	Name: Nicholas Ashburn (<i>Printed or typed</i>)
Title: <u>PRESIDENT</u>	Title: Attorney-in-Fact
Attest: _____ (<i>Signature</i>)	Attest: _____ (<i>Signature</i>)
Name: <u>KEVIN ANDERSON</u> (<i>Printed or typed</i>)	Name: Mary Berger (<i>Printed or typed</i>)
Title: <u>ESTIMATOR</u>	Title: Account Manager
Notes: (1) Note: Addresses are to be used for giving any required notice. (2) Provide execution by any additional parties, such as joint venturers, if necessary.	

EJCDC® C-430, Bid Bond (Penal Sum Form).

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1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond will be Owner's sole and exclusive remedy upon default of Bidder.
2. Default of Bidder occurs upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
3. This obligation will be null and void if:
 - 3.1. Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
 - 3.2. All Bids are rejected by Owner, or
 - 3.3. Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions does not in the aggregate exceed 120 days from the Bid due date without Surety's written consent.
6. No suit or action will be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety, and in no case later than one year after the Bid due date.
7. Any suit or action under this Bond will be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder must be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Postal Service registered or certified mail, return receipt requested, postage pre-paid, and will be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond will be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute governs and the remainder of this Bond that is not in conflict therewith continues in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

GREAT AMERICAN INSURANCE COMPANY®

Administrative Office: 301 E 4TH STREET • CINCINNATI, OHIO 45202 • 513-369-5000 • FAX 513-723-2740

The number of persons authorized by this power of attorney is not more than **SEVEN**

No. 0 20903

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the GREAT AMERICAN INSURANCE COMPANY, a corporation organized and existing under and by virtue of the laws of the State of Ohio, does hereby nominate, constitute and appoint the person or persons named below, each individually if more than one is named, its true and lawful attorney-in-fact, for it and in its name, place and stead to execute on behalf of the said Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof; provided that the liability of the said Company on any such bond, undertaking or contract of suretyship executed under this authority shall not exceed the limit stated below.

Name	Address	Limit of Power
NICHOLAS ASHBURN	ALL OF	ALL
PAUL M. HURLEY	ROCHESTER HILLS, MICHIGAN	\$100,000,000
HOLLY NICHOLS		
ROBERT D. HEUER		

This Power of Attorney revokes all previous powers issued on behalf of the attorney(s)-in-fact named above.

IN WITNESS WHEREOF the GREAT AMERICAN INSURANCE COMPANY has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 17TH day of APRIL, 2020.



Atty L C. B.

Assistant Secretary

GREAT AMERICAN INSURANCE COMPANY

Mark V Vicario

Divisional Senior Vice President

STATE OF OHIO, COUNTY OF HAMILTON - ss:

MARK VICARIO (877-377-2405)

On this 17TH day of APRIL, 2020, before me personally appeared MARK VICARIO, to me known, being duly sworn, deposes and says that he resides in Cincinnati, Ohio, that he is a Divisional Senior Vice President of the Bond Division of Great American Insurance Company, the Company described in and which executed the above instrument; that he knows the seal of the said Company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by authority of his office under the By-Laws of said Company, and that he signed his name thereto by like authority.



SUSAN A KOHORST
Notary Public
State of Ohio
My Comm. Expires
May 18, 2025

Susan A Kohorst

This Power of Attorney is granted by authority of the following resolutions adopted by the Board of Directors of Great American Insurance Company by unanimous written consent dated June 9, 2008.

RESOLVED: That the Divisional President, the several Divisional Senior Vice Presidents, Divisional Vice Presidents and Divisional Assistant Vice Presidents, or any one of them, be and hereby is authorized, from time to time, to appoint one or more Attorneys-in-Fact to execute on behalf of the Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof; to prescribe their respective duties and the respective limits of their authority; and to revoke any such appointment at any time.

RESOLVED FURTHER: That the Company seal and the signature of any of the aforesaid officers and any Secretary or Assistant Secretary of the Company may be affixed by facsimile to any power of attorney or certificate of either given for the execution of any bond, undertaking, contract of suretyship, or other written obligation in the nature thereof, such signature and seal when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

CERTIFICATION

I, STEPHEN C. BERAHA, Assistant Secretary of Great American Insurance Company, do hereby certify that the foregoing Power of Attorney and the Resolutions of the Board of Directors of June 9, 2008 have not been revoked and are now in full force and effect.

Signed and sealed this 28th day of March, 2024.



Atty L C. B.

Assistant Secretary

PROPOSED SUBCONTRACTORS FORM
Chapaton Gates Rehabilitation
St. Clair Shores, Michigan

Project No. WWS-2022-008

(To be fully executed and included with Bid as a condition of the Bid)

As part of the Bid, Bidders shall furnish, in the spaces provided, the names of the subcontractors, suppliers, or manufacturers of products that Bidder proposes to provide as part of this Project and as required in the Bidding Documents. The listed subcontractor, supplier, or manufacturer of products will be part of the basis upon which the Contract will be considered for award.

Upon award of a Contract, the Work shall be performed using the listed subcontractor, supplier, or manufacturer of products. Substitutions will be permitted only if listed subcontractor, supplier, or manufacturer of products does not meet the specifications or supplier or manufacturer is unable to meet delivery requirements of the construction schedule. All substitutions shall be submitted to the OWNER for consideration and approval.

Preliminary acceptance of a product listed by supplier's or manufacturer's name shall not in any way constitute a waiver of the specifications covering such product. CONTRACTOR shall provide Submittals in accordance with requirements of bidding documents for ENGINEER's review for conformity with the specifications covering the product.

The OWNER/ENGINEER reserves the right to require other waivers at the OWNER/ENGINEER's sole discretion.

Nature of Work / Product	Subcontractor / Manufacturer	Location of Business	Percent of Contract Amount
Electrical	Rotor Electric Co.	Detroit, MI	Approx. 4%
Gates, Actuators, Stop Logs	Rodney Hunt BZ	Orange, MA BZ	Approx. 31.5%
	↑ Hydro Gate	↑ Denver, CO	

END OF SECTION 00 43 36

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ARTICLE 1—GENERAL INFORMATION

1.01 Provide contact information for the Business:

Legal Name of Business:	Z Contractors, Inc.		
Corporate Office			
Name:	Blake Zapczynski	Phone number:	586-255-2421
Title:	President	Email address:	bzap@z-contractors.com
Business address of corporate office:	50500 Design Lane		
	Shelby Township, MI 48315		
Local Office N/A			
Name:		Phone number:	
Title:		Email address:	
Business address of local office:			

1.02 Provide information on the Business’s organizational structure:

Form of Business:	<input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Partnership <input checked="" type="checkbox"/> Corporation		
<input type="checkbox"/> Limited Liability Company <input type="checkbox"/> Joint Venture comprised of the following companies:			
	1.		
	2.		
	3.		
Provide a separate Qualification Statement for each Joint Venturer.			
Date Business was formed:	11-18-2010	State in which Business was formed:	MI
Is this Business authorized to operate in the Project location?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Pending	

1.03 Identify all businesses that own Business in whole or in part (25% or greater), or that are wholly or partly (25% or greater) owned by Business:

Name of business:	BPB Investments, LLC	Affiliation:	Equipment Holdings Co.
Address:	50500 Design Lane, Shelby Township, MI 48315		
Name of business:		Affiliation:	
Address:			
Name of business:		Affiliation:	
Address:			

1.04 Provide information regarding the Business’s officers, partners, and limits of authority.

Name:	Blake Zapczynski	Title:	President
Authorized to sign contracts:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Limit of Authority:	\$ 50,000,000.00
Name:	Brooke Sebero	Title:	Corporate Secretary
Authorized to sign contracts:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Limit of Authority:	\$ 50,000,000.00
Name:		Title:	
Authorized to sign contracts:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Limit of Authority:	\$
Name:		Title:	

ARTICLE 2—LICENSING

2.01 Provide information regarding licensure for Business:

Name of License:	N/A		
Licensing Agency:			
License No:		Expiration Date:	
Name of License:			
Licensing Agency:			
License No:		Expiration Date:	

ARTICLE 3—DIVERSE BUSINESS CERTIFICATIONS

3.01 Provide information regarding Business’s Diverse Business Certification, if any. Provide evidence of current certification.

Certification	Certifying Agency	Certification Date
<input type="checkbox"/> Disadvantaged Business Enterprise		
<input type="checkbox"/> Minority Business Enterprise		
<input type="checkbox"/> Woman-Owned Business Enterprise		
<input type="checkbox"/> Small Business Enterprise		
<input type="checkbox"/> Disabled Business Enterprise		
<input type="checkbox"/> Veteran-Owned Business Enterprise		
<input type="checkbox"/> Service-Disabled Veteran-Owned Business		
<input type="checkbox"/> HUBZone Business (Historically Underutilized) Business		
<input type="checkbox"/> Other		
<input checked="" type="checkbox"/> None		

ARTICLE 4—SAFETY

4.01 Provide information regarding Business’s safety organization and safety performance.

Name of Business’s Safety Officer:	Robert Steele	
Safety Certifications		
Certification Name	Issuing Agency	Expiration
Health and Safety Bachelors	Oakland University	N/A
Level One- MIOSHA	Michigan OSHA	N/A

4.02 Provide Worker’s Compensation Insurance Experience Modification Rate (EMR), Total Recordable Frequency Rate (TRFR) for incidents, and Total Number of Recorded Manhours (MH) for the last 3 years and the EMR, TRFR, and MH history for the last 3 years of any proposed Subcontractor(s) that will provide Work valued at 10% or more of the Contract Price. Provide documentation of the EMR history for Business and Subcontractor(s).

Year	2020			2021			2022		
Company	EMR	TRFR	MH	EMR	TRFR	MH	EMR	TRFR	MH
Z Contractors, Inc.	.80	2.18	183,815	.80	3.76	212,658	1.12	2.87	208,837

ARTICLE 5—FINANCIAL

5.01 Provide information regarding the Business’s financial stability. Provide the most recent audited financial statement, and if such audited financial statement is not current, also provide the most current financial statement.

Financial Institution:	Bank of America	
Business address:	39001 W 12 Mile Road Farmington Hills, MI 48331	
Date of Business’s most recent financial statement:		<input type="checkbox"/> Attached
Date of Business’s most recent audited financial statement:	12-31-2022	<input checked="" type="checkbox"/> Attached
Financial indicators from the most recent financial statement		
Contractor’s Current Ratio (Current Assets ÷ Current Liabilities)	1.63 to 1.0	
Contractor’s Quick Ratio ((Cash and Cash Equivalents + Accounts Receivable + Short Term Investments) ÷ Current Liabilities)	1.57 to 1.0	

ARTICLE 6—SURETY INFORMATION

6.01 Provide information regarding the surety company that will issue required bonds on behalf of the Business, including but not limited to performance and payment bonds.

Surety Name:	Great American Insurance Group		
Surety is a corporation organized and existing under the laws of the state of:	Ohio		
Is surety authorized to provide surety bonds in the Project location?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Is surety listed in "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" published in Department Circular 570 (as amended) by the Bureau of the Fiscal Service, U.S. Department of the Treasury?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Mailing Address (principal place of business):	P.O Box 5425		
	Cincinnati, OH 45201		
Physical Address (principal place of business):	301 E. Fourth St.		
	Cincinnati, OH 45202		
Phone (main):	248-680-6636	Phone (claims):	844-242-4669

ARTICLE 7—INSURANCE

7.01 Provide information regarding Business's insurance company(s), including but not limited to its Commercial General Liability carrier. Provide information for each provider.

Name of insurance provider, and type of policy (CLE, auto, etc.):			
Insurance Provider		Type of Policy (Coverage Provided)	
Bitco Insurance Corporation		Worker's Compensation	
Bitco Insurance Corporation		General Liability	
Bitco Insurance Corporation		Automotive Liability	
Bitco Insurance Corporation		Umbrella	
Are providers licensed or authorized to issue policies in the Project location?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does provider have an A.M. Best Rating of A-VII or better?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mailing Address (principal place of business):	3700 Market Square Circle		
	Davenport, IA 52807		
Physical Address (principal place of business):	3700 Market Square Circle		
	Davenport, IA 52807		
Phone (main):	800-475-4477	Phone (claims):	800-406-2137

ARTICLE 8—CONSTRUCTION EXPERIENCE

8.01 Provide information that will identify the overall size and capacity of the Business.

Average number of current full-time employees:	75
Estimate of revenue for the current year:	\$75,000,000.00
Estimate of revenue for the previous year:	\$72,000,000.00

8.02 Provide information regarding the Business’s previous contracting experience.

Years of experience with projects like the proposed project: 13		
As a general contractor:	13	As a joint venturer:
Has Business, or a predecessor in interest, or an affiliate identified in Paragraph 1.03:		
Been disqualified as a bidder by any local, state, or federal agency within the last 5 years? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Been barred from contracting by any local, state, or federal agency within the last 5 years? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Been released from a bid in the past 5 years? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Defaulted on a project or failed to complete any contract awarded to it? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Refused to construct or refused to provide materials defined in the contract documents or in a change order? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Been a party to any currently pending litigation or arbitration? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Provide full details in a separate attachment if the response to any of these questions is Yes.		

8.03 List all projects currently under contract in Schedule A and provide indicated information.

8.04 List a minimum of three and a maximum of six projects completed in the last 5 years in Schedule B and provide indicated information to demonstrate the Business’s experience with projects similar in type and cost of construction.

8.05 In Schedule C, provide information on key individuals whom Business intends to assign to the Project. Provide resumes for those individuals included in Schedule C. Key individuals include the Project Manager, Project Superintendent, Quality Manager, and Safety Manager. Resumes may be provided for Business’s key leaders as well.

ARTICLE 9—REQUIRED ATTACHMENTS

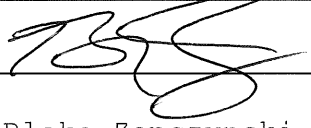
9.01 Provide the following information with the Statement of Qualifications:

- A. If Business is a Joint Venture, separate Qualifications Statements for each Joint Venturer, as required in Paragraph 1.02.
- B. Diverse Business Certifications if required by Paragraph 3.01.
- C. Certification of Business’s safety performance if required by Paragraph 4.02.
- D. Financial statements as required by Paragraph 5.01.

- E. Attachments providing additional information as required by Paragraph 8.02.
- F. Schedule A (Current Projects) as required by Paragraph 8.03.
- G. Schedule B (Previous Experience with Similar Projects) as required by Paragraph 8.04.
- H. Schedule C (Key Individuals) and resumes for the key individuals listed, as required by Paragraph 8.05.
- I. Additional items as pertinent.

This Statement of Qualifications is offered by:

Business: Z Contractors, Inc.
(typed or printed name of organization)

By: 
(individual's signature)

Name: Blake Zapczynski
(typed or printed)

Title: President
(typed or printed)

Date: 03/28/2024
(date signed)

(If Business is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: 
(individual's signature)

Name: Kevin Anderson
(typed or printed)

Title: Estimator
(typed or printed)

Address for giving notices:
50500 Design Lane
Shelby Township, MI 48315

Designated Representative:

Name: Blake Zapczynski
(typed or printed)

Title: President
(typed or printed)

Address:
50500 Design Lane
Shelby Township, MI 48315

Phone: 586-255-2421

Email: bzap@z-contractors.com

Schedule A—Current Projects

Name of Organization		Z Contractors, Inc.	
Project Owner	8-1/2 Mile Relief Drain Drainage District	Project Name	Chapaton Canal Rehabilitation
General Description of Project Chapaton Canal Rehabilitation and Expansion			
Project Cost	\$27,374,710.00	Date Project	Ongoing. Complete by 5-22-25
Key Project Personnel		Project Superintendent	Safety Manager
Name	Noel Cruz	Bruce Barnes	Robert Steele
Reference Contact Information (listing names indicates approval to contacting the names individuals as a reference)			
	Name	Title/Position	Organization
Owner	Vince Astorino	Operations Director	MCPWC
Designer			Wade Trim
Construction Manager	John Arvai	Senior V.P	Wade Trim
			586-615-2436
			vincent.astorino@macombgov.org
			734-947-9700
			734-249-2157
			jarvai@wadetrim.com

Project Owner		OMIDDD	
General Description of Project		Stop gate structure, slide gate structure rehabilitation and pipe lining	
Project Cost	\$12,596,800.00	Date Project	Ongoing. Complete by 10-1-2024
Key Project Personnel		Project Superintendent	Safety Manager
Name	Rob Herrick	Dale Shelton	Robert Steele
Reference Contact Information (listing names indicates approval to contacting the names individuals as a reference)			
	Name	Title/Position	Organization
Owner	Joel Brown	Chief Engineer	OMIDDD
Designer	Louis Urban	Unknown	NTH Consultants
Construction Manager	Abdulnasser Almadhoun	Sr. Project Manager	NTH Consultants
			248-662-2721
			Dale Shelton
			Quality Control Manager
			Quality Control Manager
			Quality Control Manager

Project Owner		MDOT	
General Description of Project		5 EA Vertical Turbine Pump Replacements and Misc Rehab Work	
Project Cost	\$3,411,507.85	Date Project	Ongoing. Complete by 11-15-2024
Key Project Personnel		Project Superintendent	Safety Manager
Name	Noel Cruz	Chris Kutchey	Robert Steele
Reference Contact Information (listing names indicates approval to contacting the names individuals as a reference)			
	Name	Title/Position	Organization
Owner	Imil Assaf	Project Eng.	MDOT
Designer	Unknown		C2AE
Construction Manager	Imil Assaf	Project Eng.	MDOT
			248-727-3890
			assafi@michigan.gov
			Quality Control Manager
			Quality Control Manager
			Quality Control Manager

Schedule B—Previous Experience with Similar Projects

Name of Organization	Z Contractors, Inc.	
Project Owner	City of East Lansing	Project Name Woodingham Pump Station
General Description of Project	Pumping Station Replacement with Deep Shaft, Sluice Gates and Building Work	
Project Cost	\$5,692,258.12	Date Project 01/19/2021
Key Project Personnel	Project Manager	Project Superintendent
Name	Noel Cruz	Chris Kutchey
		John Eckman
		Quality Control Manager
		Chris Kutchey
Reference Contact Information (listing names indicates approval to contacting the names individuals as a reference)		
	Name	Title/Position
		Organization
		Telephone
		Email
Owner	Nicole McPherson	Deputy Director
Designer	Aaron Uranga	Designer
Construction Manager	Sally Duffy	Project Manager
		HRC
		248-454-6300
		auranga@hrcengr.com
		734-776-7336
		sduffy@hrcengr.com
Project Owner	MDOT	Project Name M-39- 4 Pump Station Rehabilitation
General Description of Project	4 Pump Stations- Replacement of 13 Vertical Turbine Pumps	
Project Cost	\$4,754,012.95	Date Project 05-09-2023
Key Project Personnel	Project Manager	Project Superintendent
Name	Noel Cruz	Chris Kutchey
		Robert Steele
		Quality Control Manager
		Chris Kutchey
Reference Contact Information (listing names indicates approval to contacting the names individuals as a reference)		
	Name	Title/Position
		Organization
		Telephone
		Email
Owner	Imil Assaf	Project Eng.
Designer		
Construction Manager	Imil Assaf	Project Eng.
		MDOT
		248-727-3890
		assafi@michigan.gov
		248-727-3890
		assafi@michigan.gov
Project Owner	MDOT	Project Name I-94 / 9 Mile Pump Station
General Description of Project	Conversion of Submersible to Vertical Turbine Pumps- 3 Pumps	
Project Cost	\$1,928,409.37	Date Project 04/02/2022
Key Project Personnel	Project Manager	Project Superintendent
Name	Noel Cruz	Chris Kutchey
		John Eckman
		Quality Control Manager
		Chris Kutchey
Reference Contact Information (listing names indicates approval to contacting the names individuals as a reference)		
	Name	Title/Position
		Organization
		Telephone
		Email
Owner	Cheryl Palmer	Project Eng.
Designer		
Construction Manager	Cheryl Palmer	Project Eng.
		MDOT
		586-421-3920
		palmerc@michigan.gov
		586-421-3920
		palmerc@michigan.gov

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Schedule B—Previous Experience with Similar Projects

Name of Organization		Z Contractors, Inc.	
Project Owner	North Gratiot Interceptor Drainage District	Project Name	NGI Sluice Gates Replacement
General Description of Project Sluice gates replacement			
Project Cost	\$267,580.41	Date Project	11/18/2020
Key Project Personnel		Project Superintendent	Safety Manager
Name	Noel Cruz	Dale Shelton	John Eckman
Reference Contact Information (listing names indicates approval to contacting the names individuals as a reference)			
	Name	Title/Position	Organization
Owner	Stephen Downing	Project Manager	NGIDD
Designer	Jeffrey Reynhout	Desginer	Wade Trim
Construction Manager	John Arvai	Project Engineer	Wade Trim
Project Owner	Wayne County	Project Name	RVSDS - Phase 1E, 1F and 1G
General Description of Project Sewer siphon construction, diversion chamber construction, Sluice Gates			
Project Cost	\$8,193,296.00	Date Project	07/31/2023
Key Project Personnel		Project Superintendent	Safety Manager
Name	Noel Cruz	Dale Shelton	Robert Steele
Reference Contact Information (listing names indicates approval to contacting the names individuals as a reference)			
	Name	Title/Position	Organization
Owner	Noel Mullett	Dept. Administrator	Wayne County
Designer	Stephen Kalinowski	Sr. Project Manager	Wade Trim
Construction Manager	Stephen Kalinowski	Sr. Project Manager	Wade Trim
Project Owner	MDOT	Project Name	I-75 / Canfield Pump Station
General Description of Project Replacement of 5 Vertical Turbine Pumps			
Project Cost	\$1,792,914.58	Date Project	12/09/2022
Key Project Personnel		Project Superintendent	Safety Manager
Name	Noel Cruz	Chris Kutchey	Robert Steele
Reference Contact Information (listing names indicates approval to contacting the names individuals as a reference)			
	Name	Title/Position	Organization
Owner	Imil Assaf	Project Eng.	MDOT
Designer			Fishbeck
Construction Manager	Imil Assaf	Project Eng.	MDOT
		Telephone	Email
		248-727-3890	assafi@michigan.gov
		248-727-3890	assafi@michigan.gov

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Schedule C—Key Individuals

Project Manager			
Name of individual		Noel Cruz	
Years of experience as project manager		23	
Years of experience with this organization		7	
Number of similar projects as project manager		40+	
Number of similar projects in other positions		N/A	
Current Project Assignments			
Name of assignment		Percent of time used for this project	Estimated project completion date
Chapaton Canal Rehabilitation		70	12/31/2024
I-75 / I-94 Pump Stations		5	11/15/2024
Gordie Howe Bridge Pump Stations		5	08/01/2024
Reference Contact Information (listing names indicates approval to contact named individuals as a reference)			
Name	Stephen Kalinowski	Name	Sally Duffy
Title/Position	Sr. Project Manager	Title/Position	Project Engineer
Organization	Wade Trim	Organization	Hubbell, Roth & Clark
Telephone	313-363-1416	Telephone	734-776-7336
Email	skalinowski@wadetrim.com	Email	sduffy@hrcenqr.com
Project	RSVDS- 1E, 1F, 1G	Project	
Candidate's role on project	Project Manager	Candidate's role on project	Project Manager
Project Superintendent			
Name of individual		Chris Kutchey	
Years of experience as project superintendent		15	
Years of experience with this organization		13	
Number of similar projects as project superintendent		20+	
Number of similar projects in other positions		20+	
Current Project Assignments			
Name of assignment		Percent of time used for this project	Estimated project completion date
Wayne County 3 Storm Water Pump Stations		30	11/15/2024
Gordie Howe Bridge Pump Stations		30	08/01/2024
I-75 / I-94 Pump Stations		10	11/15/2024
Reference Contact Information (listing names indicates approval to contact named individuals as a reference)			
Name	Sally Duffy	Name	Austin Johnson
Title/Position	Project Engineer	Title/Position	Lead Inspector
Organization	Hubbell, Roth & Clark	Organization	Michael Baker
Telephone	734-776-7336	Telephone	248-880-5459
Email	sduffy@hrcenqr.com	Email	
Project	Woodingham Pump Station	Project	M-39 Pump Stations
Candidate's role on project	Superintendent	Candidate's role on project	Superintendent

Safety Manager			
Name of individual		Robert Steele	
Years of experience as project manager		3	
Years of experience with this organization		1	
Number of similar projects as project manager		10	
Number of similar projects in other positions		20+	
Current Project Assignments			
Name of assignment		Percent of time used for this project	Estimated project completion date
M-53 Bridge Rehab- M-59 to 18 Mile Rd		20%	10-01-2024
Various other ZCI Projects		80%	Ongoing
Reference Contact Information (listing names indicates approval to contact named individuals as a reference)			
Name	Tim McCarthy	Name	Robert Sadowski
Title/Position	Safety Director	Title/Position	Safety Manager
Organization	Dan's Excavating	Organization	
Telephone	586-254-2040	Telephone	248-214-8401
Email	tmccarthy@dansexc.com	Email	rsadowski@dansexc.com
Project	Various	Project	Various
Candidate's role on project	Safety Coordinator	Candidate's role on project	Safety Coordinator
Quality Control Manager			
Name of individual		Chris Kutchey	
Years of experience as project superintendent		15	
Years of experience with this organization		13	
Number of similar projects as project superintendent		20+	
Number of similar projects in other positions		N/A	
Current Project Assignments			
Name of assignment		Percent of time used for this project	Estimated project completion date
Wayne County 3 Storm Water Pump Stations		30	11/15/2024
Gordie Howe Bridge Pump Stations		30	08/01/2024
I-75 / I-94 Pump Stations		10	11/15/2024
Reference Contact Information (listing names indicates approval to contact named individuals as a reference)			
Name	Sally Duffy	Name	Austin Johnson
Title/Position	Project Engineer	Title/Position	Lead Inspector
Organization	Hubbell, Roth & Clark	Organization	Michael Baker
Telephone	734-776-7336	Telephone	248-880-5459
Email	sduffy@hrcenqr.com	Email	
Project	Woodingham Pump Station	Project	M-39 Pump Stations
Candidate's role on project	Superintendent	Candidate's role on project	Superintendent

LARA Corporations Online Filing System

Department of Licensing and Regulatory Affairs

ID Number: 800733260

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Summary for: Z CONTRACTORS, INC.

The name of the DOMESTIC PROFIT CORPORATION: Z CONTRACTORS, INC.

Entity type: DOMESTIC PROFIT CORPORATION

Identification Number: 800733260 **Old ID Number:** 03708T

Date of Incorporation in Michigan: 11/18/2010

Purpose: All Purpose Clause

Term: Perpetual

Most Recent Annual Report: 2023

Most Recent Annual Report with Officers & Directors: 2018

The name and address of the Resident Agent:

Resident Agent Name: BLAKE ZAPCZYNSKI
 Street Address: 50500 DESIGN LANE
 Apt/Suite/Other:

City: SHELBY TOWNSHIP State: MI Zip Code: 48315

Registered Office Mailing address:

P.O. Box or Street Address: 50500 DESIGN LANE
 Apt/Suite/Other:

City: SHELBY TOWNSHIP State: MI Zip Code: 48315

The Officers and Directors of the Corporation:

Title	Name	Address
PRESIDENT	BLAKE ZAPCZYNSKI	50500 DESIGN LANE SHELBY TOWNSHIP, MI 48315 USA
TREASURER	BROOKE SEBERO	50500 DESIGN LANE SHELBY TOWNSHIP, MI 48315 USA
SECRETARY	BROOKE SEBERO	50500 DESIGN LANE SHELBY TOWNSHIP, MI 48315 USA
DIRECTOR	BLAKE ZAPCZYNSKI	50500 DESIGN LANE SHELBY TOWNSHIP, MI 48315 USA

Act Formed Under: 284-1972 Business Corporation Act

Acts Subject To: 284-1972 Business Corporation Act

Total Authorized Shares: 60,000

Written Consent

View filings for this business entity:



Form Revision Date 07/2016

ANNUAL REPORT
For use by **DOMESTIC PROFIT CORPORATION**
(Required by Section 911, Act 284, Public Act of 1972)

The identification number assigned by the Bureau is: 800733260

Annual Report Filing Year: 2023

1. Corporation Name:
Z CONTRACTORS, INC.

On behalf of the corporation, I certify that no changes have occurred in required information since the last year filed report.

This document must be signed by an authorized officer or agent:

Signed this 31st Day of January, 2023 by:

Signature	Title	Title if "Other" was selected
Brooke Sebero	Secretary	

By selecting ACCEPT, I hereby acknowledge that this electronic document is being signed in accordance with the Act. I further certify that to the best of my knowledge the information provided is true, accurate, and in compliance with the Act.
 Decline Accept

MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
FILING ENDORSEMENT

This is to Certify that the 2023 ANNUAL REPORT

for

Z CONTRACTORS, INC.

ID Number: 800733260

received by electronic transmission on January 31, 2023 **, is hereby endorsed.**

Filed on January 31, 2023 **, by the Administrator.**

The document is effective on the date filed, unless a subsequent effective date within 90 days after received date is stated in the document.



In testimony whereof, I have hereunto set my hand and affixed the Seal of the Department, in the City of Lansing, this 31st day of January, 2023.

Linda Clegg

Linda Clegg, Director

Corporations, Securities & Commercial Licensing Bureau



GRETCHEN WHITMER
Governor

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
Lansing

PAUL C. AJEGBA
Director

April 13, 2023

Z Contractors, Inc.
50500 Design Ln
Shelby Township MI 48315-3124

Vendor ID: 07130

Dear Contractor:

Thank you for your interest in doing business with the Michigan Department of Transportation (MDOT) as a prequalified construction contractor. This is to inform you that the application submitted for prequalification by **Z Contractors, Inc. has been approved.**

In accordance with our Administrative Rules, an **overall financial rating of \$129,560,000.00** has been established which covers numerical ratings in the classifications(s) listed below:

2000	(\$2,000,000.00)	Ba	Concrete Pavement Patching And Widening
20000	(\$20,000,000.00)	Ea	Grading, Drainage Structures & Agg. Cons
129560	(\$129,560,000.00)	Fa	Bridges And Special Structures
2000	(\$2,000,000.00)	Fb	Structural Steel(Erection)
10000	(\$10,000,000.00)	Fd	Pumphouses
1000	(\$1,000,000.00)	J	Concrete C, C&G, Driveways, Sidewalks
7000	(\$7,000,000.00)	K	Sewers and Watermains
1000	(\$1,000,000.00)	N7	Waterproofing

This prequalification rating is effective until April 30, 2025 ; a renewal application must be submitted by this date to prevent removal of prequalification.

If the assigned rating is not satisfactory, the Prequalification Committee must be notified in writing within 15 days of having been advised of the rating granted. MDOT may declare a prequalified bidder ineligible to bid at any time because of developments subsequent to prequalification which, in its opinion, would affect the responsibility of the bidder or their ability to perform the contract work.

If you have any questions or need additional information, please use the following contacts:

Construction Prequalification: MDOTPrequal@michigan.gov , [Prequalification Website](#)

Bid Letting (electronic bidding process): MDOT-BidLetting@michigan.gov , [Bid Letting Website](#)

Congratulations on your status as an MDOT Construction Prequalified Contractor. MDOT's Construction Prequalification team looks forward to working with you!

Lawrence F. Strzalka
Construction Contracts Section Manager
Contract Services Division

MURRAY D. VANWAGONER BUILDING • P.O. BOX 30050 • LANSING, MICHIGAN 48909
www.michigan.gov • (517) 373-2090

LH-LAN-0(01/11)

Z Contractors, Inc
50500 Design Lane
Shelby Twp, MI 48315

To Whom it May Concern:

Please see the below summary of Z Contractors, Inc Workers Compensation Experience Mod. Payrolls and Loss Experience for the prior terms suggest that their E-Mod will continue to reduce for 2024-25 down to a 0.89.

Historical Summary:

2023-24: 1.0

2022-23: 1.12

2021-22: 0.80

2020-21: 0.80

2019-20: 0.74

5-Year Average: 0.89

Davis McGregor

Davis McGregor
313.815.3378
DMcGregor@GHBH.com

CORPORATION CERTIFICATE OF AUTHORITY

I, Brooke Sebero, Corporate Secretary of
(name of corporate secretary)

Z Contractors, Inc., a Michigan
(complete name of corporation) (state of incorporation)

Z Contractors, Inc. corporation (the "Corporation"), **DO HEREBY CERTIFY** that the
(non-profit or for profit)
following is a true and correct excerpt from the minutes of the meeting of the Board of Directors
duly called and held on 12/31/20, and that the same is now in full force and effect:
(date of meeting)

"RESOLVED, that the Chairman, the President, each Vice President, the Treasurer,
and the Secretary and each of them, is authorized to execute and deliver, in the name
of and on behalf of the Corporation and under its corporate seal of otherwise, any
agreement or other instrument or document ("Contract") in connection with any matter
or transaction that shall have been duly approved; and the execution and delivery of
any Contract by any of the aforementioned officers shall be conclusive evidence of such
approval."

FURTHER, I CERTIFY that _____ is Chairman
Blake Zapczynski is President,
Michael Phelps is/are Vice President(s),
Brooke Sebero is Treasurer,
Brooke Sebero is Secretary,
N/A is Executive Director, and
_____ is _____.

FURTHER, I CERTIFY that any of the aforementioned officers or employees of the
Corporation are authorized to execute and commit the Corporation to the conditions, obligations,
stipulations and undertakings contained in the foregoing Contract between the City and the
above-referenced Corporation and that all necessary corporate approvals have been obtained in
relationship thereto.

IN WITNESS THEREOF, I have set my hand this 17 day of March, 20 21.
CORPORATE SEAL
(if any)

Brooke Sebero
Corporation Secretary Brooke Sebero

**PLEASE NOTE THAT THE PERSON WHO SIGNS THE CONTRACT ON BEHALF
OF YOUR CORPORATION MUST BE ONE OF THE INDIVIDUALS LISTED ABOVE
AS PERSON AUTHORIZED TO EXECUTE CONTRACTS IN THE NAME OF AND ON
BEHALF OF THE CORPORATION.**

LARA Corporations Online Filing System

Department of Licensing and Regulatory Affairs

ID Number: 800733260

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Term: Perpetual

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Most Recent Annual Report with Officers & Directors: 2018

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 Street Address: 50500 DESIGN LANE
 Apt/Suite/Other:

City: SHELBY TOWNSHIP State: MI Zip Code: 48315

Registered Office Mailing address:

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Acts Subject To: 284-1972 Business Corporation Act

Total Authorized Shares: 60,000

Written Consent

View filings for this business entity:

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Department of Licensing and Regulatory Affairs

Form Revision Date 07/2016

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(Required by Section 911, Act 284, Public Act of 1972)

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Z CONTRACTORS, INC.

On behalf of the corporation, I certify that no changes have occurred in required information since the last year filed report.

This document must be signed by an authorized officer or agent:

Signed this 31st Day of January, 2023 by:

Signature	Title	Title if "Other" was selected
Brooke Sebero	Secretary	

By selecting ACCEPT, I hereby acknowledge that this electronic document is being signed in accordance with the Act. I further certify that to the best of my knowledge the information provided is true, accurate, and in compliance with the Act.

Decline Accept

MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
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ID Number: 800733260

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Linda Clegg

Linda Clegg, Director

Corporations, Securities & Commercial Licensing Bureau



GRETCHEN WHITMER
Governor

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
Lansing

PAUL C. AJEGBA
Director

April 13, 2023

Z Contractors, Inc.
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Shelby Township MI 48315-3124

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1000	(\$1,000,000.00)	N7	Waterproofing

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Lawrence F. Strzalka
Construction Contracts Section Manager
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2020-21: 0.80

2019-20: 0.74

5-Year Average: 0.89

Davis McGregor

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313.815.3378
DMcGregor@GHBH.com

CORPORATION CERTIFICATE OF AUTHORITY

I, Brooke Sebero, Corporate Secretary of
(name of corporate secretary)

Z Contractors, Inc., a Michigan
(complete name of corporation) (state of incorporation)

Z Contractors, Inc. corporation (the "Corporation"), **DO HEREBY CERTIFY** that the
(non-profit or for profit)
following is a true and correct excerpt from the minutes of the meeting of the Board of Directors
duly called and held on 12/31/20, and that the same is now in full force and effect:
(date of meeting)

"RESOLVED, that the Chairman, the President, each Vice President, the Treasurer,
and the Secretary and each of them, is authorized to execute and deliver, in the name
of and on behalf of the Corporation and under its corporate seal of otherwise, any
agreement or other instrument or document ('Contract') in connection with any matter
or transaction that shall have been duly approved; and the execution and delivery of
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approval."

FURTHER, I CERTIFY that _____ is Chairman
Blake Zapczynski is President,
Michael Phelps is/are Vice President(s),
Brooke Sebero is Treasurer,
Brooke Sebero is Secretary,
N/A is Executive Director, and
_____ is _____.

FURTHER, I CERTIFY that any of the aforementioned officers or employees of the
Corporation are authorized to execute and commit the Corporation to the conditions, obligations,
stipulations and undertakings contained in the foregoing Contract between the City and the
above-referenced Corporation and that all necessary corporate approvals have been obtained in
relationship thereto.

IN WITNESS THEREOF, I have set my hand this 17 day of March, 20 21.
CORPORATE SEAL
(if any)



Corporation Secretary Brooke Sebero

**PLEASE NOTE THAT THE PERSON WHO SIGNS THE CONTRACT ON BEHALF
OF YOUR CORPORATION MUST BE ONE OF THE INDIVIDUALS LISTED ABOVE
AS PERSON AUTHORIZED TO EXECUTE CONTRACTS IN THE NAME OF AND ON
BEHALF OF THE CORPORATION.**

**Z CONTRACTORS, INC. AND
BPB INVESTMENTS, LLC**

COMBINED FINANCIAL STATEMENTS

DECEMBER 31, 2022
(With Independent Auditor's Report Thereon)

Z CONTRACTORS, INC. AND BPB INVESTMENTS, LLC

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INDEPENDENT AUDITOR'S REPORT

To the Board of Directors and Shareholders of
Z Contractors, Inc. and
Board of Managers and Members of
BPB Investments, LLC

Report on the Audits of the Combined Financial Statements

Opinion

We have audited the accompanying combined financial statements of Z Contractors, Inc. and BPB Investments, LLC, which comprise the combined balance sheets as of December 31, 2022 and 2021, and the related combined statements of earnings, shareholders' and members' equity and cash flows for the years then ended, and the related notes to the combined financial statements.

In our opinion, the combined financial statements referred to above present fairly, in all material respects, the financial position of Z Contractors, Inc. and BPB Investments, LLC as of December 31, 2022 and 2021, and the results of their operations and their cash flows for the years then ended, in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audits of the Combined Financial Statements section of our report. We are required to be independent of Z Contractors, Inc. and BPB Investments, LLC and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Combined Financial Statements

Management is responsible for the preparation and fair presentation of the combined financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of combined financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the combined financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Z Contractors, Inc. and BPB Investments, LLC's ability to continue as a going concern for one year after the date that the combined financial statements are issued.

Report on the Audits of the Combined Financial Statements (Continued)

Auditor's Responsibilities for the Audits of the Combined Financial Statements

Our objectives are to obtain reasonable assurance about whether the combined financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the combined financial statements.

In performing audits in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audits.
- Identify and assess the risks of material misstatement of the combined financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the combined financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Z Contractors, Inc. and BPB Investments, LLC's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the combined financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Z Contractors, Inc. and BPB Investments, LLC's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audits, significant audit findings, and certain internal control-related matters that we identified during the audits.

Doeren Mayhew

Troy, Michigan
March 20, 2023

Z CONTRACTORS, INC. AND BPB INVESTMENTS, LLC

COMBINED BALANCE SHEETS DECEMBER 31, 2022 AND 2021

<u>Assets</u>	<u>2022</u>	<u>2021</u>
Current assets:		
Cash and cash equivalents	\$ 16,728,345	\$ 11,299,382
Marketable securities (note 2)	933,447	1,932,707
Accounts receivable:		
Contracts (notes 3 and 4):		
Current amount due	1,932,126	1,421,110
Retainage	34,000	34,635
Other	-	100,000
Affiliated company	-	10,000
	1,966,126	1,565,745
Contract assets (note 4)	635,457	443,112
Refundable taxes	41,057	161,076
	20,304,432	15,402,022
Total current assets		
Deposit	-	20,060
Machinery and equipment:		
Construction equipment	7,951,273	7,818,107
Transportation equipment	2,573,274	1,852,916
	10,524,547	9,671,023
Less: accumulated depreciation	8,539,380	7,664,585
	1,985,167	2,006,438
Total assets (note 5)	\$ 22,289,599	\$ 17,428,520

<u>Liabilities and Shareholders' and Members' Equity</u>	<u>2022</u>	<u>2021</u>
Current liabilities:		
Current portion of long-term debt (note 6)	\$ 69,197	\$ 236,132
Accounts payable:		
Trade	2,263,289	1,680,011
Employees' taxes withheld and other	<u>66,777</u>	<u>96,809</u>
	2,330,066	1,776,820
Contract liabilities	9,864,533	5,509,270
Accrued expenses	<u>204,150</u>	<u>257,936</u>
Total current liabilities	12,467,946	7,780,158
Long-term debt:		
Equipment (note 6)	64,487	133,792
Bank (note 5)	2,000,000	2,000,000
Shareholders' and members' equity:		
Common stock - no par value; 60,000 shares authorized; 100 shares issued and outstanding	10,000	10,000
Undistributed earnings	6,052,406	5,867,922
Members' equity	<u>1,694,760</u>	<u>1,636,648</u>
Total shareholders' and members' equity	<u>7,757,166</u>	<u>7,514,570</u>
Total liabilities and shareholders' and members' equity	<u>\$ 22,289,599</u>	<u>\$ 17,428,520</u>

See accompanying notes to combined financial statements

Z CONTRACTORS, INC. AND BPB INVESTMENTS, LLC

COMBINED STATEMENTS OF EARNINGS YEARS ENDED DECEMBER 31, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
Contract revenues earned	\$ 53,915,784	\$ 39,700,593
Cost of revenues earned	<u>49,680,376</u>	<u>37,632,414</u>
Gross profit	4,235,408	2,068,179
General and administrative expenses	<u>2,798,155</u>	<u>2,524,232</u>
Earnings (loss) from operations	1,437,253	(456,053)
Non-operating (expense) income	<u>(694,657)</u>	<u>1,974,134</u>
Net earnings	<u>\$ 742,596</u>	<u>\$ 1,518,081</u>

See accompanying notes to combined financial statements

EIGHT AND ONE-HALF MILE RELIEF
03/19/2024 - 04/02/2024

<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	Colville Electric	\$ 1,016.63	Invoice #24150 - 03.12.24	Relocate SCADA Cabinet to East Building	
		Astorino	Consumers Energy	\$ 971.54	Invoice #207147478773 - 03.06.24	Monthly Gas - 02.08.24 - 03.06.24	
		Astorino	Consumers Energy	\$ 664.56	Invoice #202165265349 - 03.06.24	Monthly Gas - 02.08.24 - 03.06.24	
		Astorino	DTE Energy	\$ 773.94	Invoice #24-186 - 03.06.24	Monthly Electric - 02.13.24 - 03.04.24	
		Astorino	DTE Energy	\$ 8,272.65	Invoice #24-190 - 03.06.24	Monthly Electric - 02.08.24 - 03.06.24	
		Astorino	Enviroair Consultants	\$ 750.00	Invoice #10070 - 03.08.24	Confined Space Training - 2 Employees	
		Astorino	Fishbeck	\$ 5,653.00	Invoice #434771 - 03.20.24	As-Needed Engineering through 03.15.24	\$ 36,705.00
		Astorino	GVC Painting	\$ 6,470.00	Invoice #23142 - 03.21.24	Tile Painting First Level	
		Astorino	Jacobs Engineering	\$ 19,541.45	Invoice #1 - 03.04.24	Digital Twin Pilot through 02.23.24	\$ 218,458.55
		Astorino	Kienbaum Hardy Viviano	\$ 2,310.00	Invoice #50916 - 03.01.24	Electrical Upgrade Contract - February 2024	
		Astorino	Nexgen	\$ 11,588.63	Invoice #3914 - 01.29.24	Asset Management Software - 01.01.23 - 06.30.24	
		Astorino	NTH Consultants	\$ 524.50	Invoice #635291 - 03.06.24	2023 Interceptor Inspection through 02.16.24	\$ 12,732.56
		Astorino	NTH Consultants	\$ 8,693.26	Invoice #635383 - 03.15.24	Chapaton Structural Repairs Warranty Inspection	\$ 73,989.29
		Astorino	NTH Consultants	\$ 362.50	Invoice #635383 - 03.15.24	As Needed - Density Testing - Canal Rehab	\$ 73,989.29
		Astorino	SDC CPA's	\$ 6,143.20	Invoice #A9584-01 - 02.14.24	Insurance Claim Review	
		Astorino	Tetra Tech	\$ 19,169.82	Invoice #55207111 - 02.29.24	In-System Storage CCA through 02.23.24	\$ 266,918.12
		Astorino	Tetra Tech	\$ 1,520.00	Invoice #52206956 - 02.28.24	Chapaton Electrical Design CCA through 02.23.24	\$ 672,933.00
		Astorino	Weiss Construction	\$ 802,878.19	Invoice #APP23 - 03.14.24	In-System Storage through 03.14.24	\$ 1,667,569.58
		Astorino	Z Contractors	\$ 1,031,967.30	Invoice #WWS-2022-003 App 8 - 03.25.24	Chapaton RTB Canal Rehabilitation through 03.25.24	\$ 11,507,827.32
		Total		\$ 1,929,271.17			

Budget to Actual
8.5 Mile Relief
As of Mar 31, 2024 =50%

DESCRIPTION	2024 FINAL BUDGET	ENCUMBERED	ACTUAL	REMAINING BUDGET	PCT UTILIZED
REVENUE ACCOUNTS					
Interest Earned	275,000		60,271	214,729	21.9%
Other Revenue	5,000		486	4,514	9.7%
Grants	47,009,450		22,886,110	24,123,340	48.7%
8.5 O&M/Charge Required Revenue	5,260,440		5,260,440	-	100.0%
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	-	28,207,307	36,695,993	43.5%
EXPENSE ACCOUNTS					
Application/Permit Fee	6,000		6,000	-	100.0%
Dues, Training, Conf, Subs.	17,400		7,520	9,880	43.2%
Engineering					
PS Main Floor Ventilation	750,000		31,776	718,224	4.2%
Digital Twin Model Pilot Project	275,000		19,541	255,459	7.1%
Inspection Program	-		80,902	(80,902)	100.0%
Sluice & Dewatering Gates Rehab/Replacement Project	4,912,400		11,012	4,901,388	0.2%
Flushing	4,863,290		92,653	4,770,637	1.9%
General Construction/Engineering Contingency-All Projects	567,500			567,500	0.0%
As Needed Engineering	161,460		53,159	108,301	32.9%
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		1,086,028	1,531,812	41.5%
In-System Storage-Construction Admin and Construction (County ARPA)	2,150,250		2,150,250	-	100.0%
Electrical Rehab (State and County ARPA Funds)	15,369,930		39,309	15,330,621	100.0%
Canal Rehab (State ARPA Funds)	29,489,270		20,696,551	8,792,719	100.0%
New Equipment	113,750			113,750	0.0%
Office Supplies	500			500	0.0%
Operating Supplies	96,450		39,131	57,319	40.6%
Other Professional Svcs	56,500		15,538	40,962	27.5%
Personnel Services	1,251,350			1,251,350	0.0%
Repair & Maintenance	614,500		151,570	462,930	24.7%
Contribution to Reserve	288,240			288,240	0.0%
Scada System	82,050		3,394	78,656	4.1%
Utilities	288,200		106,027	182,173	36.8%
Total Expense Accounts	64,903,300	-	24,609,631	40,293,669	37.9%

	O&M Balance 9/30/2023	O&M	Total 3/31/2024
Cash - Operating	15,698,301	3,597,676	19,295,977
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		28,207,307	28,207,307
Expenditures		24,609,631	24,609,631
			0
Equity*	15,698,301		19,295,977

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