



**Common Council Chambers**  
8040 S. 6<sup>th</sup> Street  
Oak Creek, WI 53154  
(414) 766-7000

Robert Cigale  
Curtis Czarnecki  
Kenneth Gehl  
Chris Guzikowski  
Fredrick Siepert- Alternate  
Lisa Marshall

## BOARD OF PUBLIC WORKS AND CAPITAL ASSETS

September 14, 2023  
9:00 A.M.

### The City's Vision

*Oak Creek: A dynamic regional leader, connected to our community, driving the future of the south shore.*

1. Call Meeting to Order.
2. Roll Call.
3. Approval of Minutes – 08/08/2023
4. **Informational:** Review of Common Council actions related to Public Works & Capital Assets.

### GENERAL GOVERNMENT CAPITAL ASSETS

NONE

### PUBLIC WORKS & UTILITIES

5. **Motion:** Consider a *motion* to approve progress payment No. 5 for the Howell Avenue Water Relay project to A. W. Oakes & Son Inc in the amount of \$407,634.79. (Project No. 21101) (2<sup>nd</sup> & 6<sup>th</sup> Aldermanic Districts)
6. **Motion:** Consider a *motion* to approve Utility vouchers for payment in the amount of \$1,426,346.15.
7. **Motion:** Consider a *motion* to recommend the Common Council include various Capital Improvement Plan (CIP) items in its 2024 CIP Budget.
8. **Informational:** Administrative and Operations reports.

### TRAFFIC & SAFETY

NONE

9. Adjournment.

Dated this 8th day of September 2023.

### **Public Notice**

Upon reasonable notice, a good faith effort will be made to accommodate the needs of disabled individuals through sign language interpreters or other auxiliary aid at no cost to the individual to participate in public meetings. Due to the difficulty in finding interpreters, requests should be made as far in advance as possible preferably a minimum of 48 hours. For additional information or to request this service, contact the Oak Creek City Clerk at 414-766-7000, by fax at 414-766-7976, or by writing to 8040 S. 6<sup>th</sup> Street, Oak Creek, Wisconsin 53154.

It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may attend the above-stated meeting to gather information; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice



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## BOARD OF PUBLIC WORKS AND CAPITAL ASSETS

### MINUTES

August 8, 2023

9:00 A.M.

#### The City's Vision

*Oak Creek: A dynamic regional leader, connected to our community, driving the future of the south shore.*

1. Call Meeting to Order.

2. Roll Call.

All Board Members were present. Also present: Assistant City Administrator Gaggin, General Manager Sullivan, and City Engineer Sullivan.

3. Approval of Minutes – 07/11/2023

*Alderswoman Marshall made a motion to approve the minutes of 07/11/2023, seconded by Board Member Cigale. All voted aye, motion carried.*

4. **Informational:** Review of Common Council actions related to Public Works & Capital Assets.

City Engineer Sullivan stated there were no updates.

#### GENERAL GOVERNMENT CAPITAL ASSETS

NONE

#### PUBLIC WORKS & UTILITIES

5. General Manager Sullivan provided an overview the agreement with Clark Dietz (see staff report for details).

*Alderman Gehl made a motion to approve the Utility Engineer to enter a professional service agreement with Clark Dietz in the amount not to exceed \$75,000. (Project No. 23109) (4<sup>th</sup> Aldermanic District), seconded by Alderswoman Marshall. All voted aye, motion carried.*

6. General Manager Sullivan provided an overview to approve progress payment No. 3 for Susan Drive Water Relay project (see staff report for details).

*Board Member Czarnecki made a motion to approve progress payment No. 3 for the Susan Drive Water Relay project to Globe Contractors in the amount of \$15,125. (Project No. 22102) (2<sup>nd</sup> Aldermanic Districts), seconded by Alderman Gehl. All voted aye, motion carried.*

7. General Manager Sullivan provided an overview to approve progress payment No. 4 for Howell Avenue from E. Groveland Avenue to 525 feet north of E. Susan Drive project. (see staff report for details).

*Alderwoman Marshall made a motion to approve progress payment No. 4 for the Howell Avenue Water Relay project to A.W. Oakes & Son Inc in the amount of \$304,180.17. (Project No. 21101) (2<sup>nd</sup> & 6<sup>th</sup> Aldermanic Districts), seconded by Board Member Czarnecki. All voted aye, motion carried.*

8. Assistant City Administrator Gaglin provided an overview to approve the Change Order No.1 with BS&A for financial software and amend the capital budget (see staff report for details).

*Alderwoman Marshall made a motion to approve Change Order No. 1 with BS&A for financial software and amend the capital budget by \$14,812 for water and \$6,348 for sewer. (Project No. 22109), seconded by Board Member Czarnecki. All voted aye, motion carried.*

9. Board Member Czarnecki made a motion to approve Utility vouchers for payment in the amount of \$1,098,348.36, seconded by Alderwoman Marshall. All voted aye, motion carried.

10. **Informational:** Administrative, Operations reports and Oak Creek Water and Sewer Utility 2022 Annual Comprehensive Financial Report and Audit Results Report.

General Manager Sullivan provided details of the Operations report.

Assistant City Administrator Gaglin provided the Oak Creek Water and Sewer Utility 2022 Annual Comprehensive Financial Report and Audit Results Report.

Board Member Czarnecki stated the audit reflects there was pollution remediation that the Water Utility had liability for.

General Manager Sullivan responded this was found when they were designing the last “inaudible” to the property north of the treatment plant. This is underneath the future pump station. They know they have liability; they do have money to take care of this and they are going to remediate during this project. They will not know to what extent this will be until they start the project.

Board Member Czarnecki stated the wholesale water agreement will lapse, and asked if there has there been any negotiations with Franklin.

General Manager Sullivan stated they have talked and met with Franklin. They are moving in a positive direction.

## TRAFFIC & SAFETY

11. City Engineer Sullivan provided an overview to approve the installation of a “No Parking” signs on W. Oakview Parkway (see staff report for details).

*Alderman Gehl made a motion to approve the installation of a “No Parking” signs on W. Oakview Parkway, seconded by Alderwoman Marshall. All voted aye, motion carried.*

12. *Alderman Gehl made a motion to adjourn the meeting at 9:30 AM, seconded by Alderwoman Marshall. All voted aye, motion carried.*

Dated this 11<sup>th</sup> day of August 2023.

### Public Notice

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STAFF REPORT

Item No.

Item: Progress payment No. 5 for the Howell Avenue Water Relay project

Recommendation: That the Board considers a motion to approve progress payment No. 5 for the Howell Avenue Water Relay project to A. W. Dakes & Son Inc in the amount of \$407,634.79. (Project No. 21101)(2<sup>nd</sup> & 6<sup>th</sup> Aldermanic Districts)

Fiscal Impact: This project is part of the 2021 Capital Improvement Project Budget

- Critical Success Factor(s):
- Vibrant and Diverse Cultural Opportunities
  - Thoughtful Development and Prosperous Economy
  - Safe, Welcoming, and Engaged Community
  - Inspired, Aligned, and Proactive City Leadership
  - Financial Stability
  - Quality Infrastructure, Amenities, and Services
  - Not Applicable

Background: The project includes directional boring approximately 3,400 LF of 12" water main in S. Howell Avenue from E. Groveland Avenue to 525 feet north of E. Susan Drive. This project will relay the existing 1956 cast iron water main. We have had roughly 40 breaks on this section of main over the years. The proposed alignment will run in the curb lane of Howell Avenue. This will be helpful in the future to be outside of the travel lane. The current main is in the left lane of the northbound traffic. This is a high priority main for replacement per the water master plan. All of the water main is in service and all of the services are connected to the new main. The contractor has some punch list items, hydrant removals and restoration to complete on the project.

Options/Alternatives:

Respectfully submitted:

Andrew J. Vickers, MPA  
City Administrator

Fiscal Review:  
  
Kristina Strmsek  
Assistant Comptroller

Prepared:

Brian L. Johnston, PE  
Utility Engineer

Approved:  
  
Michael J. Sullivan, PE  
General Manager

Attachments: 21101 Howell Avenue Water Relay Progress Payment No. 5

OAK CREEK WATER AND SEWER UTILITY  
PROGRESS PAYMENT REPORT

PROJECT NO. 21101 - S. Howell Avenue Water Main Relay

Item No.	Item Description	Bid Quantity	A.W. Davis & Son, Inc. (Sales Tax)		Bid		Partial Payment No. 1 (10/17/2022)		Partial Payment No. 2 (7/19/22)		Partial Payment No. 3 (7/11/2022)		Partial Payment No. 4 (August 01, 2022)		Partial Payment No. 5 (September 01, 2022)		PROJECT TOTAL	
			Unit Price	Total Price	Quantity Complete	Cost	Quantity Complete	Cost	Quantity Complete	Cost	Quantity Complete	Cost	Quantity Complete	Cost	Quantity Complete	Cost	Quantity Complete	Cost
1	1" DIA. WATER MAIN (150' @ 150' @ 150')	150	\$1,100.00	\$165,000.00	150	\$1,100.00	150	\$1,100.00	150	\$1,100.00	150	\$1,100.00	150	\$1,100.00	150	\$1,100.00	150	\$1,100.00
2	2" DIA. WATER MAIN (100' @ 100' @ 100')	100	\$1,100.00	\$110,000.00	100	\$1,100.00	100	\$1,100.00	100	\$1,100.00	100	\$1,100.00	100	\$1,100.00	100	\$1,100.00	100	\$1,100.00
3	3" DIA. WATER MAIN (50' @ 50' @ 50')	50	\$1,100.00	\$55,000.00	50	\$1,100.00	50	\$1,100.00	50	\$1,100.00	50	\$1,100.00	50	\$1,100.00	50	\$1,100.00	50	\$1,100.00
4	4" DIA. WATER MAIN (25' @ 25' @ 25')	25	\$1,100.00	\$27,500.00	25	\$1,100.00	25	\$1,100.00	25	\$1,100.00	25	\$1,100.00	25	\$1,100.00	25	\$1,100.00	25	\$1,100.00
5	5" DIA. WATER MAIN (10' @ 10' @ 10')	10	\$1,100.00	\$11,000.00	10	\$1,100.00	10	\$1,100.00	10	\$1,100.00	10	\$1,100.00	10	\$1,100.00	10	\$1,100.00	10	\$1,100.00
6	6" DIA. WATER MAIN (5' @ 5' @ 5')	5	\$1,100.00	\$5,500.00	5	\$1,100.00	5	\$1,100.00	5	\$1,100.00	5	\$1,100.00	5	\$1,100.00	5	\$1,100.00	5	\$1,100.00
7	7" DIA. WATER MAIN (2' @ 2' @ 2')	2	\$1,100.00	\$2,200.00	2	\$1,100.00	2	\$1,100.00	2	\$1,100.00	2	\$1,100.00	2	\$1,100.00	2	\$1,100.00	2	\$1,100.00
8	8" DIA. WATER MAIN (1' @ 1' @ 1')	1	\$1,100.00	\$1,100.00	1	\$1,100.00	1	\$1,100.00	1	\$1,100.00	1	\$1,100.00	1	\$1,100.00	1	\$1,100.00	1	\$1,100.00
9	9" DIA. WATER MAIN (0.5' @ 0.5' @ 0.5')	0.5	\$1,100.00	\$550.00	0.5	\$1,100.00	0.5	\$1,100.00	0.5	\$1,100.00	0.5	\$1,100.00	0.5	\$1,100.00	0.5	\$1,100.00	0.5	\$1,100.00
10	10" DIA. WATER MAIN (0.25' @ 0.25' @ 0.25')	0.25	\$1,100.00	\$275.00	0.25	\$1,100.00	0.25	\$1,100.00	0.25	\$1,100.00	0.25	\$1,100.00	0.25	\$1,100.00	0.25	\$1,100.00	0.25	\$1,100.00
11	11" DIA. WATER MAIN (0.1' @ 0.1' @ 0.1')	0.1	\$1,100.00	\$110.00	0.1	\$1,100.00	0.1	\$1,100.00	0.1	\$1,100.00	0.1	\$1,100.00	0.1	\$1,100.00	0.1	\$1,100.00	0.1	\$1,100.00
12	12" DIA. WATER MAIN (0.05' @ 0.05' @ 0.05')	0.05	\$1,100.00	\$55.00	0.05	\$1,100.00	0.05	\$1,100.00	0.05	\$1,100.00	0.05	\$1,100.00	0.05	\$1,100.00	0.05	\$1,100.00	0.05	\$1,100.00
13	13" DIA. WATER MAIN (0.025' @ 0.025' @ 0.025')	0.025	\$1,100.00	\$27.50	0.025	\$1,100.00	0.025	\$1,100.00	0.025	\$1,100.00	0.025	\$1,100.00	0.025	\$1,100.00	0.025	\$1,100.00	0.025	\$1,100.00
14	14" DIA. WATER MAIN (0.01' @ 0.01' @ 0.01')	0.01	\$1,100.00	\$11.00	0.01	\$1,100.00	0.01	\$1,100.00	0.01	\$1,100.00	0.01	\$1,100.00	0.01	\$1,100.00	0.01	\$1,100.00	0.01	\$1,100.00
15	15" DIA. WATER MAIN (0.005' @ 0.005' @ 0.005')	0.005	\$1,100.00	\$5.50	0.005	\$1,100.00	0.005	\$1,100.00	0.005	\$1,100.00	0.005	\$1,100.00	0.005	\$1,100.00	0.005	\$1,100.00	0.005	\$1,100.00
16	16" DIA. WATER MAIN (0.0025' @ 0.0025' @ 0.0025')	0.0025	\$1,100.00	\$2.75	0.0025	\$1,100.00	0.0025	\$1,100.00	0.0025	\$1,100.00	0.0025	\$1,100.00	0.0025	\$1,100.00	0.0025	\$1,100.00	0.0025	\$1,100.00
17	17" DIA. WATER MAIN (0.001' @ 0.001' @ 0.001')	0.001	\$1,100.00	\$1.10	0.001	\$1,100.00	0.001	\$1,100.00	0.001	\$1,100.00	0.001	\$1,100.00	0.001	\$1,100.00	0.001	\$1,100.00	0.001	\$1,100.00
18	18" DIA. WATER MAIN (0.0005' @ 0.0005' @ 0.0005')	0.0005	\$1,100.00	\$0.55	0.0005	\$1,100.00	0.0005	\$1,100.00	0.0005	\$1,100.00	0.0005	\$1,100.00	0.0005	\$1,100.00	0.0005	\$1,100.00	0.0005	\$1,100.00
19	19" DIA. WATER MAIN (0.00025' @ 0.00025' @ 0.00025')	0.00025	\$1,100.00	\$0.275	0.00025	\$1,100.00	0.00025	\$1,100.00	0.00025	\$1,100.00	0.00025	\$1,100.00	0.00025	\$1,100.00	0.00025	\$1,100.00	0.00025	\$1,100.00
20	20" DIA. WATER MAIN (0.0001' @ 0.0001' @ 0.0001')	0.0001	\$1,100.00	\$0.11	0.0001	\$1,100.00	0.0001	\$1,100.00	0.0001	\$1,100.00	0.0001	\$1,100.00	0.0001	\$1,100.00	0.0001	\$1,100.00	0.0001	\$1,100.00
21	21" DIA. WATER MAIN (0.00005' @ 0.00005' @ 0.00005')	0.00005	\$1,100.00	\$0.055	0.00005	\$1,100.00	0.00005	\$1,100.00	0.00005	\$1,100.00	0.00005	\$1,100.00	0.00005	\$1,100.00	0.00005	\$1,100.00	0.00005	\$1,100.00
22	22" DIA. WATER MAIN (0.000025' @ 0.000025' @ 0.000025')	0.000025	\$1,100.00	\$0.0275	0.000025	\$1,100.00	0.000025	\$1,100.00	0.000025	\$1,100.00	0.000025	\$1,100.00	0.000025	\$1,100.00	0.000025	\$1,100.00	0.000025	\$1,100.00
23	23" DIA. WATER MAIN (0.00001' @ 0.00001' @ 0.00001')	0.00001	\$1,100.00	\$0.011	0.00001	\$1,100.00	0.00001	\$1,100.00	0.00001	\$1,100.00	0.00001	\$1,100.00	0.00001	\$1,100.00	0.00001	\$1,100.00	0.00001	\$1,100.00
24	24" DIA. WATER MAIN (0.000005' @ 0.000005' @ 0.000005')	0.000005	\$1,100.00	\$0.0055	0.000005	\$1,100.00	0.000005	\$1,100.00	0.000005	\$1,100.00	0.000005	\$1,100.00	0.000005	\$1,100.00	0.000005	\$1,100.00	0.000005	\$1,100.00
25	25" DIA. WATER MAIN (0.0000025' @ 0.0000025' @ 0.0000025')	0.0000025	\$1,100.00	\$0.00275	0.0000025	\$1,100.00	0.0000025	\$1,100.00	0.0000025	\$1,100.00	0.0000025	\$1,100.00	0.0000025	\$1,100.00	0.0000025	\$1,100.00	0.0000025	\$1,100.00
26	26" DIA. WATER MAIN (0.000001' @ 0.000001' @ 0.000001')	0.000001	\$1,100.00	\$0.0011	0.000001	\$1,100.00	0.000001	\$1,100.00	0.000001	\$1,100.00	0.000001	\$1,100.00	0.000001	\$1,100.00	0.000001	\$1,100.00	0.000001	\$1,100.00
27	27" DIA. WATER MAIN (0.0000005' @ 0.0000005' @ 0.0000005')	0.0000005	\$1,100.00	\$0.00055	0.0000005	\$1,100.00	0.0000005	\$1,100.00	0.0000005	\$1,100.00	0.0000005	\$1,100.00	0.0000005	\$1,100.00	0.0000005	\$1,100.00	0.0000005	\$1,100.00
28	28" DIA. WATER MAIN (0.00000025' @ 0.00000025' @ 0.00000025')	0.00000025	\$1,100.00	\$0.000275	0.00000025	\$1,100.00	0.00000025	\$1,100.00	0.00000025	\$1,100.00	0.00000025	\$1,100.00	0.00000025	\$1,100.00	0.00000025	\$1,100.00	0.00000025	\$1,100.00
29	29" DIA. WATER MAIN (0.0000001' @ 0.0000001' @ 0.0000001')	0.0000001	\$1,100.00	\$0.00011	0.0000001	\$1,100.00	0.0000001	\$1,100.00	0.0000001	\$1,100.00	0.0000001	\$1,100.00	0.0000001	\$1,100.00	0.0000001	\$1,100.00	0.0000001	\$1,100.00
30	30" DIA. WATER MAIN (0.00000005' @ 0.00000005' @ 0.00000005')	0.00000005	\$1,100.00	\$0.000055	0.00000005	\$1,100.00	0.00000005	\$1,100.00	0.00000005	\$1,100.00	0.00000005	\$1,100.00	0.00000005	\$1,100.00	0.00000005	\$1,100.00	0.00000005	\$1,100.00
31	31" DIA. WATER MAIN (0.000000025' @ 0.000000025' @ 0.000000025')	0.000000025	\$1,100.00	\$0.0000275	0.000000025	\$1,100.00	0.000000025	\$1,100.00	0.000000025	\$1,100.00	0.000000025	\$1,100.00	0.000000025	\$1,100.00	0.000000025	\$1,100.00	0.000000025	\$1,100.00
32	32" DIA. WATER MAIN (0.00000001' @ 0.00000001' @ 0.00000001')	0.00000001	\$1,100.00	\$0.000011	0.00000001	\$1,100.00	0.00000001	\$1,100.00	0.00000001	\$1,100.00	0.00000001	\$1,100.00	0.00000001	\$1,100.00	0.00000001	\$1,100.00	0.00000001	\$1,100.00
33	33" DIA. WATER MAIN (0.000000005' @ 0.000000005' @ 0.000000005')	0.000000005	\$1,100.00	\$0.0000055	0.000000005	\$1,100.00	0.000000005	\$1,100.00	0.000000005	\$1,100.00	0.000000005	\$1,100.00	0.000000005	\$1,100.00	0.000000005	\$1,100.00	0.000000005	\$1,100.00
34	34" DIA. WATER MAIN (0.0000000025' @ 0.0000000025' @ 0.0000000025')	0.0000000025	\$1,100.00	\$0.00000275	0.0000000025	\$1,100.00	0.0000000025	\$1,100.00	0.0000000025	\$1,100.00	0.0000000025	\$1,100.00	0.0000000025	\$1,100.00	0.0000000025	\$1,100.00	0.0000000025	\$1,100.00
35	35" DIA. WATER MAIN (0.000000001' @ 0.000000001' @ 0.000000001')	0.000000001	\$1,100.00	\$0.0000011	0.000000001	\$1,100.00	0.000000001	\$1,100.00	0.000000001	\$1,100.00	0.000000001	\$1,100.00	0.000000001	\$1,100.00	0.000000001	\$1,100.00	0.000000001	\$1,100.00
36	36" DIA. WATER MAIN (0.0000000005' @ 0.0000000005' @ 0.0000000005')	0.0000000005	\$1,100.00	\$0.00000055	0.0000000005	\$1,100.00	0.0000000005	\$1,100.00	0.0000000005	\$1,100.00	0.0000000005	\$1,100.00	0.0000000005	\$1,100.00	0.0000000005	\$1,100.00	0.0000000005	\$1,100.00
37	37" DIA. WATER MAIN (0.00000000025' @ 0.00000000025' @ 0.00000000025')	0.00000000025	\$1,100.00	\$0.000000275	0.00000000025	\$1,100.00	0.00000000025	\$1,100.00	0.00000000025	\$1,100.00	0.00000000025	\$1,100.00	0.00000000025	\$1,100.00	0.00000000025	\$1,100.00	0.00000000025	\$1,100.00
38	38" DIA. WATER MAIN (0.0000000001' @ 0.0000000001' @ 0.0000000001')	0.0000000001	\$1,100.00	\$0.00000011	0.0000000001	\$1,100.00	0.0000000001	\$1,100.00	0.0000000001	\$1,100.00	0.0000000001	\$1,100.00	0.0000000001	\$1,100.00	0.0000000001	\$1,100.00	0.0000000001	\$1,100.00
39	39" DIA. WATER MAIN (0.00000000005' @ 0.00000000005' @ 0.00000000005')	0.00000000005	\$1,100.00	\$0.000000055	0.00000000005	\$1,100.00	0.00000000005	\$1,100.00	0.00000000005	\$1,100.00	0.00000000005	\$1,100.00	0.00000000005	\$1,100.00	0.00000000005	\$1,100.00	0.00000000005	\$1,100.00
40	40" DIA. WATER MAIN (0.000000000025' @ 0.000000000025' @ 0.000000000025')	0.000000000025	\$1,100.00	\$0.0000000275	0.000000000025	\$1,100.00	0.000000000025	\$1,100.00	0.000000000025	\$1,100.00	0.000000000025	\$1,100.00	0.000000000025	\$1,100.00	0.000000000025	\$1,100.00	0.000000000025	\$1,100.00
41	41" DIA. WATER MAIN (0.00000000001' @ 0.00000000001' @ 0.00000000001')	0.00000000001	\$1,100.00	\$0.000000011	0.00000000001	\$1,100.00	0.00000000001	\$1,100.00	0.00000000001	\$1,100.00	0.00000000001	\$1,100.00	0.00000000001	\$1,100.00	0.00000000001	\$1,100.00	0.00000000001	\$1,100.00
42	42" DIA. WATER MAIN (0.000000000005' @ 0.000000000005' @ 0.000000000005')	0.000000000005	\$1,100.00	\$0.0000000055	0.000000000005	\$1,100.00	0.000000000005											

# ACCOUNTS PAYABLE SUMMARY

September 14, 2023

Vendor	Description	Dollar Amount
A W Oakes & Son, Inc.	Howell Ave Water Relay	\$ 407,634.79
Brown and Caldwell	Sanitary Model Update	3,672.13
CH2M	PLC Replacement, Underground Facilities Rehab	49,545.75
Chase Card Services	Charge Card Invoices	4,956.94
Chemtrade Chemicals US, LLC.	Coagulant	28,596.75
City of Oak Creek	City Bill Covering Quarter 2	248,786.17
Ferguson Waterworks	Water Valve Supplies, Tapping Supplies, Repair Clamps, Gauges, Safety Equip.	15,416.93
Hydrite Chemical, Co.	Plant Chlorine	18,702.60
Idexx Distribution Corp.	Lab Supplies	2,939.35
Kwik Trip	Truck Fleet Gas	3,900.26
Lai, LLC.	Chemical Feed Pumps	9,222.61
Milwaukee Metropolitan Sewerage District	Metro Bills	450,389.54
Mid City Heating & Plumbing	Hydrant & Lateral Repair	22,508.36
Neenah Foundry	Manhole Lids & Rings	6,150.00
Oak Creek Utility	Utility's Metro Bill	8,307.03
R.A. Smith National	6th & Marquette, Susan, & Howell Water, 13th St Hydrant Relo, Drexel Lift	44,062.00
Strand Associates, Inc.	Cell Tower Review	2,805.69
USA Blue Book	Tapping Saw, Lab Chemicals, ATP Supplies	3,035.90
Wisconsin Electric Power Company	Electric/Gas Bills	73,691.05
Subtotal		<u>1,404,323.85</u>
Remaining Invoices		22,022.30
<b>TOTAL OF ACCOUNTS PAYABLE INVOICES TO BE PAID</b>		<u>\$ 1,426,346.15</u>



INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
01190	A W OAKES & SON INC.							
21101-PMT #5	09/01/23	01	HOWELL AVE WATER RELAY	080121101			09/01/23	407,634.79
							INVOICE TOTAL:	407,634.79
							VENDOR TOTAL:	407,634.79
01230	ACE HARDWARE-SOUTH MILWAUKEE							
68947/2	08/14/23	01	FASTENERS	082462602			08/14/23	6.37
		02		082664302				6.36
							INVOICE TOTAL:	12.73
69114/2	08/23/23	01	BASIN REPAIR TAP CONS	082665202			08/23/23	2.04
							INVOICE TOTAL:	2.04
69177/2	08/29/23	01	WEED KILLER	082462602			08/29/23	24.73
		02		082664302				24.73
							INVOICE TOTAL:	49.46
							VENDOR TOTAL:	64.23
06250	AMERICAN INDUSTRIAL							
2023-09	09/01/23	01	RUG/COVERALL CLEANING SERVICES	082462602			09/01/23	220.99
		02		082664302				220.98
		03		082866202				412.04
		04		092882702				103.01
							INVOICE TOTAL:	957.02
							VENDOR TOTAL:	957.02
88020	AMY THORGAARD							
2023-JURY DUTY	08/14/23	01	JURY DUTY-TRANSPORTATION REIMB	083691402			08/14/23	27.00
							INVOICE TOTAL:	27.00
							VENDOR TOTAL:	27.00
11640	CHASE CARD SERVICES							

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
11640			CHASE CARD SERVICES					
2023-09-BJ	08/29/23	01	JOHNSTON-WEST SHORE WATER REG	083293002			08/29/23	50.00
							INVOICE TOTAL:	50.00
2023-09-DA	08/29/23	01	ALLARD-MAIN BREAK SUPPLIES,	082866202			08/29/23	325.57
		02	FACETS, SHOP SUPPLIES, BADGER	082867302				57.24
		03	METER TRAINING, MEETING	082867702				46.92
		04	SUPPLIES, HYDRANT SUPPLIES	083293002				593.95
		05		092882702				139.53
		06		093285602				254.55
							INVOICE TOTAL:	1,417.76
2023-09-DN	08/29/23	01	NIEMI-COMPUTER ACCESSORIES,	080174600			08/29/23	60.75
		02	PHONE & CORDS, RACKS, USB	082462602				159.53
		03	CHARGES, PLANT P/A SYSTEM	082664302				159.53
		04	CABLES	082866202				22.37
		05		083292102				110.56
		06		092882702				9.59
		07		093285102				47.38
							INVOICE TOTAL:	569.71
2023-09-MR	08/29/23	01	ROBE-RAPID MIXER RETURN,	082462602			08/29/23	485.96
		02	CLEANING SUPPLIES, RAPID	082463102				14.64
		03	MIXER BREAKER, AIR FILTERS,	082463302				20.00
		04	KATHABAR FILTERS, SHIPPING,	082664202				668.40
		05	ASBESTOS TEST, BATTERIES,	082664302				441.38
		06	WYPALL WIPES, WEST SHORE	082665102				14.64
		07	WATER REG, LAB E-PURE METER,	082665202				27.72
		08	PRINTER INK, LAB WIRE NUTS,	083293002				100.00
		09	LIGHT BULBS, LABEL MAKER	** COMMENT **				
		10	SUPPLIES, BASIN TAPCONS	** COMMENT **				
							INVOICE TOTAL:	1,772.74
2023-09-NB	08/29/23	01	BUTLER-PHONE/INTERNET CHARGES	082260302			08/29/23	15.00
		02		082462402				15.00

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
11640	CHASE CARD SERVICES							
2023-09-NB	08/29/23	03		082462602			08/29/23	214.22
		04		082664302				214.21
		05		082866202				25.00
		06		082866222				4.50
		07		083292102				356.56
		08		083292102				68.15
		09		083841622				9.00
		10		092882002				25.00
		11		092882022				4.50
		12		092882702				35.00
		13		093285102				160.59
								1,146.73
								4,956.94
								INVOICE TOTAL:
								VENDOR TOTAL:
12252	BATTERIES PLUS LLC							
P65089759	08/23/23	01	HDQ UPS BATTERIES	083292102			08/23/23	59.22
		02		093285102				25.38
								84.60
								INVOICE TOTAL:
								VENDOR TOTAL:
15150	BROWN AND CALDWELL							
32490642	08/23/23	01	SANITARY MODEL UPDATE	090123117			08/23/23	3,672.13
								3,672.13
								INVOICE TOTAL:
								VENDOR TOTAL:
17640	CH2M							
460402CH036	08/23/23	01	PLC REPLACEMENT	080121107			08/23/23	8,107.50
		02	UNDERGROUND FACILITIES REHAB	080122118				11,736.75
								19,844.25
								INVOICE TOTAL:
								VENDOR TOTAL:
460402CH040	09/01/23	01	PLC REPLACEMENT	080121107			09/01/23	15,265.00

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE ITEM	INVOICE DATE	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
17640	CH2M							
460402CH040	09/01/23 02	UNDERGROUND FACILITIES REHAB	080122118				09/01/23	14,436.50
							INVOICE TOTAL:	29,701.50
							VENDOR TOTAL:	49,545.75
17999	CHEMTRADE CHEMICALS US LLC							
93579997	08/14/23 01	H1050 COAGULANT-PLANT	080415400				08/14/23	11,056.50
							INVOICE TOTAL:	11,056.50
93594008	09/01/23 01	H1050 COAGULANT-PLANT	080415400				09/01/23	17,540.25
							INVOICE TOTAL:	17,540.25
							VENDOR TOTAL:	28,596.75
18750	CITY OF OAK CREEK							
2023-Q2	09/01/23 01	CITY BILL QUARTER 2	080121102				09/01/23	1,850.35
	02		082866202					251.43
	03		083292302					38,115.77
	04		083292502					22,251.26
	05		083292602					138,399.01
	06		083293002					3.50
	07		092882702					107.76
	08		093285202					3,669.60
	09		093285302					9,536.24
	10		093285402					34,599.75
	11		093285602					1.50
							INVOICE TOTAL:	248,786.17
							VENDOR TOTAL:	248,786.17
25645	CORE & MAIN LP							
T241146	08/23/23 01	HYDRANT REPAIR PARTS	082867702				08/23/23	64.20
							INVOICE TOTAL:	64.20
T339908	08/23/23 01	TAPPING SADDLES	083841600				08/23/23	480.00
							INVOICE TOTAL:	480.00

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
25645	08/23/23	01	TAPPING SADDLES, CURB STOP	083841600			08/23/23	1,142.00
		02	REPAIR PARTS	** COMMENT **				
T374248								
								1,142.00
								1,686.20
27925			CUMMINS SALES AND SERVICE					
F6-59918	08/23/23	01	VEHICLE FILTERS	083693302			08/23/23	273.66
								273.66
F6-59924	08/23/23	01	VEHICLE FILTERS	083693302			08/23/23	58.27
								58.27
								331.93
29087			DIAMOND DISCS INTERNATIONAL					
77783	09/01/23	01	WATER MAIN SAW SUPPLIES	082867302			09/01/23	1,373.80
								1,373.80
								1,373.80
30000			DIGGERS HOTLINE INC.					
230761601	08/14/23	01	DIGGERS HOTLINE TICKETS-JULY	083841622			08/14/23	912.03
		02	EMAIL TICKETS 1039 @ \$1.74	092882022				456.02
		03	PHONE TICKETS 2 @ \$2.70	082866222				456.01
								1,824.06
								1,824.06
39250			EMSL ANALYTICAL, INC.					
87450583	09/01/23	01	GEOSMIN SAMPLE COOLER & SHIP	082260102			09/01/23	23.53
								23.53
								23.53
41440			FCX PERFORMANCE					

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
41440		FCX PERFORMANCE						
5138250	08/23/23	01	HIGHLIFT PUMP CONTROL VALVE	082463302			08/23/23	1,375.09
							INVOICE TOTAL:	1,375.09
							VENDOR TOTAL:	1,375.09
42625		FERGUSON WATERWORKS #1476						
243829	08/14/23	01	WATER VALVE OPERATING NUTS	082867302			08/14/23	1,832.40
							INVOICE TOTAL:	1,832.40
392940	08/14/23	01	TAPPING SADDLES, REPAIR CPLR	083841600			08/14/23	3,875.00
							INVOICE TOTAL:	3,875.00
394487	08/14/23	01	REPAIR CLAMPS	082867302			08/14/23	745.90
							INVOICE TOTAL:	745.90
394487-1	08/23/23	01	REPAIR CLAMP	082867302			08/23/23	526.69
							INVOICE TOTAL:	526.69
395421	08/23/23	01	MANHOLE RINGS	092883102			08/23/23	3,308.37
							INVOICE TOTAL:	3,308.37
395441	08/29/23	01	TAPPED REPAIR CLAMPS	082867302			08/29/23	1,997.00
							INVOICE TOTAL:	1,997.00
395780	08/23/23	01	BELL JOINT REPAIR CLAMPS	082867302			08/23/23	2,922.07
							INVOICE TOTAL:	2,922.07
WW044726	08/14/23	01	PRESSURE GAUGES & FITTINGS	082867602			08/14/23	118.00
							INVOICE TOTAL:	118.00
WW045160	08/23/23	01	WATER PRESSURE GAUGES	082867302			08/23/23	59.00
							INVOICE TOTAL:	59.00
WW045394	08/29/23	01	SAFETY GEAR	083292602			08/29/23	22.75

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
42625	08/29/23	02	FERGUSON WATERWORKS #1476	093285402			08/29/23	9.75
							INVOICE TOTAL:	32.50
							VENDOR TOTAL:	15,416.93
43135	09/01/23	01	FISHER SCIENTIFIC COMPANY	082664202			09/01/23	122.81
5804171	08/23/23	01	LAB SUPPLIES	082664202			08/23/23	122.81
							INVOICE TOTAL:	122.81
							VENDOR TOTAL:	122.81
46912	08/23/23	01	GFL ENVIRONMENTAL	083292302			08/23/23	227.23
U80000251996	08/23/23	01	PLANT DUMPSTER-SEPT	083292302			08/23/23	227.23
							INVOICE TOTAL:	227.23
							VENDOR TOTAL:	227.23
51200	08/29/23	01	HOH WATER TECHNOLOGY	082664202			08/29/23	58.30
658693	08/29/23	01	WATER TEST KIT SUPPLIES	082664202			08/29/23	58.30
							INVOICE TOTAL:	58.30
							VENDOR TOTAL:	58.30
55010	08/23/23	01	HYDRITE CHEMICAL CO.	080415400			08/23/23	9,370.20
2695378	08/23/23	01	CHLORINE-PLANT USE	080415400			08/23/23	9,370.20
							INVOICE TOTAL:	9,370.20
							VENDOR TOTAL:	9,370.20
2698831	09/01/23	01	CHLORINE-PLANT USE	080415400			09/01/23	9,332.40
							INVOICE TOTAL:	9,332.40
							VENDOR TOTAL:	18,702.60
55350	08/14/23	01	IDEXX DISTRIBUTION CORP.	082664202			08/14/23	2,608.29
3134062290	08/14/23	01	LAB SUPPLIES	082664202			08/14/23	2,608.29
							INVOICE TOTAL:	2,608.29
							VENDOR TOTAL:	2,608.29

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE ITEM	DATE #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
55350	IDEXX DISTRIBUTION CORP.							
3135799353	09/01/23 01 LAB SUPPLIES			082664202			09/01/23	331.06
							INVOICE TOTAL:	331.06
							VENDOR TOTAL:	2,939.35
56180	JERRY WILLKOMM INC.							
419026	08/14/23 01 SHOP SUPPLIES			082866202			08/14/23	55.27
	02			092882702				23.69
							INVOICE TOTAL:	78.96
							VENDOR TOTAL:	78.96
56561	JOHNSON SAND & GRAVEL INC.							
3822	08/23/23 01 SAND-WM BREAK			082867302			08/23/23	720.93
							INVOICE TOTAL:	720.93
							VENDOR TOTAL:	720.93
56567	JOHNSTON, BRIAN							
2023-08	08/14/23 01 MILEAGE-WIAWVA REGULATORY			083292602			08/14/23	206.11
	02 AFFAIRS, SAFETY BOOTS			093285402				88.33
							INVOICE TOTAL:	294.44
							VENDOR TOTAL:	294.44
57030	KRUEGER, ANDREW							
2023-CELL:SEPT-AUG	08/23/23 01 CELL PHONE:SEPT 2022-AUG 2023			083292602			08/23/23	300.00
							INVOICE TOTAL:	300.00
							VENDOR TOTAL:	300.00
58150	KWIK TRIP EXTENDED NETWORK							
NP64962956	08/29/23 01 TRUCK FLEET GAS			083693302			08/29/23	3,900.26
							INVOICE TOTAL:	3,900.26
							VENDOR TOTAL:	3,900.26



INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
58746	LAI, LLC							
60074	08/29/23	01	CHEMICAL FEED PUMP 2	082665202			08/29/23	4,647.61
							INVOICE TOTAL:	4,647.61
60074-TRIAL	08/29/23	01	CHEMICAL FEED PUMP 1-TRIAL	082665202			08/29/23	4,575.00
							INVOICE TOTAL:	4,575.00
							VENDOR TOTAL:	9,222.61
60001	LERANTH, CATHERINE							
2023-CELL:MAY-AUG	08/23/23	01	CELL PHONE:MAY-AUG 2023	083292602			08/23/23	70.00
		02		093285402				30.00
							INVOICE TOTAL:	100.00
							VENDOR TOTAL:	100.00
62501	LINCOLN CONTRACTORS SUPPLY							
I65003	09/01/23	01	ASPHALT REPAIR MATERIALS	082867302			09/01/23	63.99
							INVOICE TOTAL:	63.99
							VENDOR TOTAL:	63.99
63805	QUADIENT							
2023-08	09/01/23	01	FLLL POSTAGE MACHINE	083292102			09/01/23	1,050.00
		02		093285102				450.00
							INVOICE TOTAL:	1,500.00
							VENDOR TOTAL:	1,500.00
65452	MATHESON TRI-GAS INC							
28274201	08/29/23	01	TORCH GAS-HYDRANT REPAIR	082867702			08/29/23	193.35
							INVOICE TOTAL:	193.35
							VENDOR TOTAL:	193.35
64875	MCCONN, INC.							

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	VENDOR #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
64875	MCCONN, INC.								
901771		08/14/23	01 02	WORK GLOVES	082866502 092882702			08/14/23	143.64 61.56 205.20 205.20
									INVOICE TOTAL: VENDOR TOTAL:
65599	MCMASTER-CARR								
12009775		08/14/23	01 02	CONDUIT FITTINGS	082462602 082664302			08/14/23	61.31 61.31 122.62
									INVOICE TOTAL: VENDOR TOTAL:
13158148		08/29/23	01	PIPE INSULATION GLUE	082665202			08/29/23	95.29 95.29 217.91
									INVOICE TOTAL: VENDOR TOTAL:
65000	MEDIVAN, INC.								
24837		09/01/23	01 02	HEARING & RESPIRATOR FIT TESTS	083292302 093285202			09/01/23	732.90 314.10 1,047.00 1,047.00
									INVOICE TOTAL: VENDOR TOTAL:
65611	MENARDS								
65268		08/14/23	01	TELEPHONE REPLACEMENT	080174600			08/14/23	86.86 86.86
									INVOICE TOTAL: VENDOR TOTAL:
65342		08/14/23	01	TRUCK TOOLS PAINT	083693302			08/14/23	205.98 205.98
									INVOICE TOTAL: VENDOR TOTAL:
65385		08/14/23	01 02 03	TOOLS, VEHICLE SUPPLES	082866202 092882702 083693302			08/14/23	83.24 35.68 237.98 356.90
									INVOICE TOTAL: VENDOR TOTAL:

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
65611		MENARDS						
65951	08/29/23	01	CURB STOP PARTS	083841600			08/29/23	107.15
							INVOICE TOTAL:	107.15
65966	09/01/23	01	22ND ST WALL PAINT, ROOF	082463202			09/01/23	46.96
		02	CEMENT	082463102				13.23
		03		082665102				13.22
							INVOICE TOTAL:	73.41
66122	08/29/23	01	SAFETY EQUIPMENT	082866502			08/29/23	39.89
		02		092882702				17.09
							INVOICE TOTAL:	56.98
66278	08/29/23	01	HYDRANT PRESSURE GAUGES	082867702			08/29/23	7.74
							INVOICE TOTAL:	7.74
66403	08/29/23	01	VALVE INSULATION	082463302			08/29/23	66.32
							INVOICE TOTAL:	66.32
							VENDOR TOTAL:	961.34
65670		MID CITY PLUMBING & HEATING						
99311	08/23/23	01	HYDRANT & LATERAL REPAIR	082867702			08/23/23	22,508.36
							INVOICE TOTAL:	22,508.36
							VENDOR TOTAL:	22,508.36
65625		MILWAUKEE METRO. SEWERAGE DIST						
171-23	08/14/23	01	METRO BILL	091023202			08/14/23	131,711.60
							INVOICE TOTAL:	131,711.60
182-23	08/29/23	01	METRO BILL	091023202			08/29/23	65,157.22
							INVOICE TOTAL:	65,157.22
195-23	09/05/23	01	METRO BILL	091023202			09/05/23	252,740.72
							INVOICE TOTAL:	252,740.72

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE ITEM	DATE	#	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
65625	MILWAUKEE METRO. SEWERAGE DIST								
IW-172-23	08/14/23 01 INDUSTRIAL WASTE PRETREAT	08/14/23	01	INDUSTRIAL WASTE PRETREAT	091023202			08/14/23	780.00
								INVOICE TOTAL:	780.00
								VENDOR TOTAL:	450,389.54
70020	NAPA AUTO PARTS								
475915	08/14/23 01 OIL CHANGE	08/14/23	01	OIL CHANGE	083693302			08/14/23	68.11
								INVOICE TOTAL:	68.11
475966	08/14/23 01 RETURN-MISC. MATERIALS	08/14/23	01	RETURN-MISC. MATERIALS	083693302			08/14/23	-6.19
								INVOICE TOTAL:	-6.19
								VENDOR TOTAL:	61.92
70188	NEENAH FOUNDRY								
122985	08/14/23 01 MANHOLE LIDS & RINGS	08/14/23	01	MANHOLE LIDS & RINGS	092883102			08/14/23	6,150.00
								INVOICE TOTAL:	6,150.00
								VENDOR TOTAL:	6,150.00
70350	NIEMI, DAN								
2023-SAFETY BOOTS	08/14/23 01 SAFETY BOOTS	08/14/23	01	SAFETY BOOTS	083292602			08/14/23	110.74
					093285402				47.46
								INVOICE TOTAL:	158.20
								VENDOR TOTAL:	158.20
70557	NORTHERN LAKE SERVICE INC.								
2310873	08/23/23 01 WATER TESTS	08/23/23	01	WATER TESTS	082664202			08/23/23	25.00
								INVOICE TOTAL:	25.00
2311698	08/14/23 01 WATER TESTS	08/14/23	01	WATER TESTS	082664202			08/14/23	740.00
								INVOICE TOTAL:	740.00
2312696	08/14/23 01 WATER TESTS	08/14/23	01	WATER TESTS	082664202			08/14/23	799.26
								INVOICE TOTAL:	799.26

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE ITEM	DATE	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
70557	NORTHERN LAKE SERVICE INC.							
2313024	08/23/23 01 WATER TESTS	08/23/23	01 WATER TESTS	082664202			08/23/23	69.48
							INVOICE TOTAL:	69.48
2313383	08/23/23 01 WATER TESTS	08/23/23	01 WATER TESTS	082664202			08/23/23	924.00
							INVOICE TOTAL:	924.00
2313798	08/29/23 01 WATER TESTS	08/29/23	01 WATER TESTS	082664202			08/29/23	66.00
							INVOICE TOTAL:	66.00
2314388	09/01/23 01 WATER TESTS	09/01/23	01 WATER TESTS	082664202			09/01/23	33.00
							INVOICE TOTAL:	33.00
							VENDOR TOTAL:	2,656.74
72570	OAK CREEK UTILITY							
2023-09	08/29/23 01 UTILITY'S METRO BILL	08/29/23	01 UTILITY'S METRO BILL	082664202			08/29/23	8,307.03
							INVOICE TOTAL:	8,307.03
							VENDOR TOTAL:	8,307.03
73790	WINDSTREAM ENTERPRISE							
75843902	08/14/23 01 LONG DISTANCE CHRGES: PLT/DIST	08/14/23	01 LONG DISTANCE CHRGES: PLT/DIST	082462602			08/14/23	14.80
								14.80
								14.80
								14.79
							INVOICE TOTAL:	59.19
75898595	09/05/23 01 LONG DISTANCE CHRGES: PLT/DIST	09/05/23	01 LONG DISTANCE CHRGES: PLT/DIST	082462602			09/05/23	15.01
								15.01
								15.01
								15.01
							INVOICE TOTAL:	60.04
							VENDOR TOTAL:	119.23
74225	PARKER POWER EQUIPMENT LLC							





INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
00103			ROCHELLE BASTERASH					
2023-08	09/01/23	01	CUSTOMER REIMB-PMT IN ERROR	082046110			09/01/23	778.66
							INVOICE TOTAL:	778.66
							VENDOR TOTAL:	778.66
77975			SCHMITZ READY MIX, INC.					
1063857-IN	08/29/23	01	WATERMAIN BREAK-RESTORATION	082867302			08/29/23	816.25
							INVOICE TOTAL:	816.25
							VENDOR TOTAL:	816.25
81000			FULL CYCLE ENTERPRISES, LLC					
109867	08/14/23	01	RESTORATION	082867302			08/14/23	84.00
							INVOICE TOTAL:	84.00
109871	08/14/23	01	RESTORATION	082867302			08/14/23	84.00
							INVOICE TOTAL:	84.00
109886	08/14/23	01	RESTORATION	082867302			08/14/23	84.00
							INVOICE TOTAL:	84.00
109949	08/23/23	01	RESTORATION	082867302			08/23/23	84.00
							INVOICE TOTAL:	84.00
82879			STAPLES BUSINESS ADVANTAGE					
3544455308	08/14/23	01	OFFICE SUPPLIES	083292102			08/14/23	56.29
		02		093285102				24.13
							INVOICE TOTAL:	80.42
3544698080	08/23/23	01	OFFICE SUPPLIES	083292102			08/23/23	55.23
		02		093285102				23.67
							INVOICE TOTAL:	78.90
							VENDOR TOTAL:	159.32



INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE ITEM	DATE	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
83010	STRAND ASSOCIATES, INC.							
200590	08/23/23 01 CELL TOWER REVIEW	08/23/23		080414300			08/23/23	2,805.69
							INVOICE TOTAL:	2,805.69
							VENDOR TOTAL:	2,805.69
93100	USA BLUE BOOK							
100176	08/14/23 01 HYDRANT PRESSURE MONITORS	08/14/23		082867702			08/14/23	165.90
							INVOICE TOTAL:	165.90
103029	08/23/23 01 LAB CHEMICALS	08/23/23		082664102			08/23/23	46.95
							INVOICE TOTAL:	46.95
121982	09/01/23 01 TAPPING SAW	09/01/23		083841600			09/01/23	157.62
							INVOICE TOTAL:	157.62
91934	08/14/23 01 LAB CHEMICALS	08/14/23		082664102			08/14/23	696.77
							INVOICE TOTAL:	696.77
92621	08/14/23 01 LAB CHEMICALS	08/14/23		082664102			08/14/23	95.50
							INVOICE TOTAL:	95.50
93501	08/14/23 01 ATP SUPPLIES	08/14/23		082866502			08/14/23	238.40
							INVOICE TOTAL:	238.40
99108	08/14/23 01 ATP SUPPLIES	08/14/23		082866502			08/14/23	1,634.76
							INVOICE TOTAL:	1,634.76
							VENDOR TOTAL:	3,035.90
97700	WISC RURAL WATER ASSOCIATION							
S5994	09/01/23 01 ANNUAL MEMBERSHIP	09/01/23		083293002			09/01/23	615.00
							INVOICE TOTAL:	615.00
							VENDOR TOTAL:	615.00
96250	WISCONSIN ELECTRIC POWER COMP.							

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
96250			WISCONSIN ELECTRIC POWER COMP.					
2023-08-31-E	08/23/23	01	ELECTRIC/GAS BILLS	082462302			08/23/23	48,029.84
		02		082462602				5,109.47
		03		082664202				2,651.36
		04		082664302				6,628.28
							INVOICE TOTAL:	62,418.95
2023-09-05-E	08/23/23	01	ELECTRIC/GAS BILLS	082462302			08/23/23	7,175.72
		02		082462602				26.99
		03		082866102				37.15
		04		082866502				501.58
		05		083292102				501.58
		06		092482102				139.73
		07		092882702				501.58
		08		093285102				501.58
							INVOICE TOTAL:	9,385.91
2023-09-11	08/23/23	01	ELECTRIC/GAS BILLS	082462602			08/23/23	767.05
		02		082664302				1,005.41
		03		082866502				28.44
		04		083292102				28.43
		05		092882702				28.43
		06		093285102				28.43
							INVOICE TOTAL:	1,886.19
							VENDOR TOTAL:	73,691.05
97751			WI STATE LABORATORY OF HYGIENE					
749784	08/14/23	01	FLUORIDE SAMPLES	082664202			08/14/23	28.00
							INVOICE TOTAL:	28.00
							VENDOR TOTAL:	28.00
99700			KNEZEVIC, TARYN					
2023-CELL:MAY-AUG	08/29/23	01	CELL PHONE:MAY-AUG 2023	083292602			08/29/23	70.00

INVOICES DUE ON/BEFORE 09/12/2023

INVOICE #	INVOICE DATE	INVOICE ITEM #	DESCRIPTION	ACCOUNT #	P.O. #	PROJECT	DUE DATE	ITEM AMT
99700			KNEZEVIC, TARYN					
2023-CELL:MAY-AUG	08/29/23	02		093285402			08/29/23	30.00
							INVOICE TOTAL:	100.00
							VENDOR TOTAL:	100.00
							TOTAL ALL INVOICES:	1,426,346.15



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<p><b>Department:</b> Community Development</p>	<p><b>Contact Person:</b> Doug Seymour</p>
<p><b>Request Title:</b> Drexel Avenue Streetscape Construction</p>	
<p><b>General Description:</b> Construction of the elements of the Drexel Avenue Streetscape Plan between S. Ikea Drive and S. Howell Avenue.</p>	
<p><b>Justification and Intent:</b></p> <p>The City has made significant, sustained investments in the Drexel Avenue corridor, including the freeway interchange and public-private partnerships at Drexel Town Square, Highgate, and the Creekside Crossing Marketplace. The common thread between these high-profile developments is Drexel Avenue. Drexel Avenue has in essence become the City's main street and commercial center. The roadway (especially between Howell Avenue and the freeway) is heavily utilized and no longer reflects the City's brand or the image of the diverse, vibrant community Oak Creek aspires to be based on its adopted strategic plan.</p> <p>The City has approved a streetscape plan for this important corridor. The plan, which has included opportunity for stakeholder input, recommends improvements to landscaping, lighting, public art, wayfinding, and other elements intended to transform the roadway into a corridor that welcomes our residents and visitors. The streetscaping for this corridor is currently under design.</p>	
<p><b>Description of Alternatives:</b> The City could implement all, parts, or none of the Drexel Avenue Streetscape Plan.</p>	
<p><b>Description of Disposal, if Applicable:</b> Not applicable</p>	
<p><b>Impact on other Projects:</b></p> <p>This corridor contains and is anchored by several high-profile projects including Drexel Town Square, Highgate, and the Creekside Crossing Marketplace, all of which have included City investment(s). The implementation of certain elements of this plan may coincide with other investments in the Drexel Avenue corridor including Abendschein Park, Highgate, and the Creekside Crossing Marketplace.</p>	
<p><b>Cost Analysis:</b></p> <p>Funding estimates range between \$3.4 million dollars (for a plan focusing on the medians only) to \$4.8 million dollars (for the full plan). Additional funding would be needed (app. \$500,000) if the decision is made to replace street lighting. Funding for this streetscape project could be provided from Tax Incremental Districts 11, 12, and 15 as each is directly adjacent or within one-half mile of the corridor.</p>	
<p><b>Annual Impact on Operating Budget:</b></p> <p>Despite design intention to limit maintenance requirements, the City will experience ongoing maintenance associated with the landscaping and other structural features and lighting identified in the Plan.</p>	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<p><b>Department:</b> Community Development</p>	<p><b>Contact Person:</b> Doug Seymour, Kari Papelbon</p>
<p><b>Request Title:</b> North Bluff Park Design (phase 1 and 2)</p>	
<p><b>General Description:</b> This project consists of design of the park and facilities for the first and second phases of the North Bluff based on the plan that was recently approved by the Council (upon recommendation from the Parks and Recreation Commission and Plan Commission). The revetment project, which serves as the 'base' for the North Bluff Park is anticipated to be completed in mid-2024. By engaging in the Phase 1 and 2 park design (does not include the pier or bridge) in 2024 the City can be better prepared to quickly transition from the revetment project to park development once agreements are in place with affected property owners.</p>	
<p><b>Justification and Intent:</b> The design and ultimate construction of the North Bluff Park fulfills several aspirations of the Active, Vibrant, and Engaged Community goals of the adopted Strategic Action Plan by enhancing and creating a venue that can grow community events and serve as a regional recreation asset that may be marketed as part of the promotion of tourism and quality of life within the City.</p>	
<p><b>Description of Alternatives:</b> Should the design of the park be delayed it would prolong the completion of the project and the restriction on public access to the lakefront and the significant investment that the City is making on the revetment project. Extended delays in design and construction would jeopardize the City's goal of having a stable bluff and fully functioning lakefront park by 2030.</p>	
<p><b>Description of Disposal, if Applicable:</b> n/a</p>	
<p><b>Impact on other Projects:</b> The design of the North Bluff Park would allow the City to proceed directly from construction on the revetment project to construction of the park without having to design an interim access and management solution.</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The estimated cost of the Phase 1 and 2 design is 8-12% of the anticipated project cost of \$8.7 million or \$696,000 - \$1,043,640.</p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) There is no operational impact from the design. However, the operation of the constructed North Bluff Park will have recurring annual costs for operation and maintenance.</p>	



## 2023 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<p><b>Department:</b> Community Development</p>	<p><b>Contact Person:</b> Doug Seymour, Kari Papelbon</p>
<p><b>Request Title:</b> Parks and Open Space Plan Update</p>	
<p><b>General Description:</b> Consultant services will prepare a comprehensive update to the existing Parks and Open Space Plan for the City. The Plan's purpose is to guide the preservation, acquisition, and development of land for park, outdoor recreation, and related open space purposes to serve the recreational needs of the population. Further, the Plan identifies potential areas for environmental enhancement projects that contribute to the natural system and overall quality of life in the City. As part of this update project, the consultant will incorporate a Comprehensive Outdoor Recreation Plan.</p>	
<p><b>Justification and Intent:</b> To qualify for Federal and State grants for the acquisition and development of parks, open space, and outdoor recreation projects, the City must have an adopted Parks and Open Space Plan. This plan must be updated every five (5) years to maintain eligibility for a variety of grant programs. The Plan was last adopted in 2014.</p>	
<p><b>Description of Alternatives:</b> While the City could choose to prepare the update "in-house," staff resources are constrained and are anticipated to be dedicated to other projects currently in progress. Efforts by staff to update the Plan commenced in 2018 have unfortunately not resulted in a full update within the mandatory 5-year update window. This is due, in part to staff turnover and Department staffing resources generally. The City could also engage SEWRPC to produce a working plan and achieve the same goals. Staff has discussed with SEWRPC and they could produce a plan for \$25,000-\$30,000; however, this would be on their schedule and a process would not necessarily be catered to our requested practices for items such as public participation.</p>	
<p><b>Description of Disposal, if Applicable:</b> N/A</p>	
<p><b>Impact on other Projects:</b> An adopted Parks and Open Space Plan would allow the City to apply for grant funds to assist with parks and open space acquisition and development that may not otherwise be pursued, could be delayed or phased, or could be reduced in scope.</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) An additional \$30,000. Estimate takes into consideration the fact this is a comprehensive analysis and update rather than a project-specific plan and has increased costs due to the current economy. The plan likely could be prepared through the Southeast Wisconsin Regional Planning Commission for approximately \$25,000-\$30,000, but would be subject to their process and schedule. NOTE: \$30,000 was previously budgeted as part of a 2023 CIP project.</p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) None anticipated at this time.</p>	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Engineering	<b>Contact Person:</b> Matthew J. Sullivan
<b>Request Title:</b> 2024 Road Improvements	
<b>General Description:</b> Engineering would compile a set of plans and bid documents, based on Council's road rehabilitation selections, to be publicly advertised for low bidder construction in 2024.	
<b>Justification and Intent:</b> This project is for the rehabilitation of streets that can no longer be adequately maintained through normal maintenance practices such as crack filling and patching. This typically includes sub-base rehabilitation and asphalt resurfacing of deteriorated City Street, along with the related repair to affected utility structures. The exception to this is the surface type treatments that are applied, under specific criteria, on certain roads with minor surface distresses (condition ratings 5 to 7). The goal is to slow deterioration and extend the life of the pavement structure further into the future when larger rehabilitation projects will be required.	
<b>Description of Alternatives:</b> Deferred maintenance would be more costly. Staff has recommended treating more streets that have higher condition ratings with surface treatments to slow the deterioration extending their useful lives and improving the overall condition of the system	
<b>Description of Disposal, if Applicable:</b> N/A	
<b>Impact on other Projects:</b> Rehabilitation of pavement at the appropriate time slows the deterioration and reduces the frequency of patching and crack filling operations.	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) It is recommended that \$1,000,000 be budgeted in 2024. The requested funding will be combined with any remaining funds from CIP #22003 for a larger project.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) Rehabilitated streets will have less frequent maintenance needs and reduce the expenses that come from patching, crack filling and other maintenance measures.	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<p><b>Department:</b> Engineering</p>	<p><b>Contact Person:</b> Matthew J. Sullivan</p>
<p><b>Request Title:</b> Construction of S. 6<sup>th</sup> Street Bridge (7600)</p>	
<p><b>General Description:</b> The City entered into a State-Municipal Agreement (SMA) with WisDOT in 2021 for the design and construction of the S. 6<sup>th</sup> Street Bridge (7600). The design is on schedule to be completed in 2023 with construction to begin in 2024. The City is responsible for only 20% of the construction costs.</p>	
<p><b>Justification and Intent:</b> The bridge is currently on WisDOT’s Eligible Bridge List and is structurally deficient and functionally obsolete. The NBI rating for the deck and superstructure dropped from a 4 to a 3 from 2020 to 2021 as shown on the bridge inspection report completed May 25, 2021. There are deep spalls within the reinforced concrete slab with exposed longitudinal and transverse bars that are heavily corroded, along with loose delamination inside of spalls. There are numerous cracks within the wearing surface, failing patches within the approach asphalt, and settling of 3” within the approach shoulder. In addition to the poor condition of the reinforced concrete slab, asphalt overlay and approach, there are spalls at the reinforced concrete abutment, vertical and diagonal cracks, and failing patches at the drainpipe. All wings are tipped, appear stable, but there are spalls at the joint between the wingwall and abutment at some locations. Considering the overall existing condition of the structure, the proposed scope is to replace the existing structure. During the conceptual design it was decided that the use of a flat slab bridge was the most appropriate type of structure for the conditions. Due to the type of abutments required for the structure type the length of the bridge (square footage) increase over 22% which increased the limits past the railroad requiring additional coordination. Other items added to the scope were removal of concrete lined channel (identified in Oak Creek Watershed Restoration Plan) and wetland impacts. Two existing light poles within the median would need to be moved to the outside of the road, which would be consistent with the rest of the lighting along S. 6th Street. The project has been approved for Local Bridge Improvement Assistance (LBIA) grant funding where the State pays 80% and the City pays 20%. The plan is for design to be completed in 2023 and construction in 2024.</p>	
<p><b>Description of Alternatives:</b> Construction is scheduled to be funded in the State's 2024 Fiscal Year and must be let in order to take advantage of the LBIA grant funding.</p>	
<p><b>Description of Disposal, if Applicable:</b> N/A</p>	





## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

**Impact on other Projects:**

N/A

**Cost Analysis:** (Quotes, estimates, breakdown of potential cost and how you arrived here)

Construction has increased by approximately \$840,000 for an estimated cost of \$1,800,000. The additional cost has been identified through additional design scope (limits increased, removal of concrete channel, wetland impacts, bridge deck length increase, etc.). WDOT has notified City staff the SMA has been approved to be revised to reflect these increases. The revision to the SMA will reflect that the City's cost share responsibility is approximately \$360,000. The request is for \$360,000 for construction in 2024.

**Annual Impact on Operating Budget:** (Will we have an additional reoccurring operating cost?)

This project would have no additional recurring operating costs.



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<p><b>Department:</b> Engineering</p>	<p><b>Contact Person:</b> Matthew J. Sullivan</p>
<p><b>Request Title:</b> Bridge Superstructure Replacement at 7800 S. 6<sup>th</sup> Street</p>	
<p><b>General Description:</b> The City entered into a State-Municipal Agreement (SMA) with WisDOT in February of 2023 for the design and construction for the bridge's superstructure replacement located at 7800 S. 6<sup>th</sup> Street. Under the SMA the City is responsible for 20% and any funds in excess of the approved funding limits for the design and construction work.</p>	
<p><b>Justification and Intent:</b> The bridge is currently on WisDOT's Eligible Bridge List for rehabilitation and is structurally deficient. A Bridge Rehabilitation Report was prepared in April 2022 (revised May 2022) by Collins Engineers, for the City of Oak Creek, and the report was reviewed by WisDOT Bureau of Structures in May 2022. WisDOT Bureau of Structures concurs with the recommended alternative to replace the superstructure of the bridge.  Routine inspections over the past several years have suggested repairs beyond routine maintenance, to address the structural deficiencies of the deteriorating structure. The reinforced concrete slab and asphalt wearing surface exhibit nonreversible spalling, cracking, rust staining, and efflorescence damage. The abutments exhibit cracking with efflorescence and various wingwalls exhibit signs of settlement and lateral movement. The asphalt bridge approaches are visibly settling, and previous repairs are failing. Additionally, the channel exhibits scour and erosion that could impact the stability of the structure if not addressed.  The recommended alternative includes the removal of the existing reinforced concrete slab and asphalt approaches, and constructing a new reinforced concrete slab span, median, sidewalks, and reinforced concrete approach slabs. Other miscellaneous work includes repairing existing delamination and spalls in the substructure and replacing the existing wingwalls and guardrails. This alternative also includes installing scour countermeasures around the existing abutments and new wingwalls at each end of the bridge due to the existing stream bank erosion.  The project has been approved for Local Bridge Improvement Assistance (LBIA) grant funding where the State pays 80% and the City pays 20% plus any funds in excess of the approved limits.</p>	
<p><b>Description of Alternatives:</b> To take advantage of the LBIA grant funding and in accordance with the approved SMA the design will be completed in 2024 with construction schedule for 2025.</p>	
<p><b>Description of Disposal, if Applicable:</b> N/A</p>	
<p><b>Impact on other Projects:</b> N/A</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The design effort is estimated to be \$195,381 and the construction is estimated to be \$1,344,681. With the LBIA grant, the City's cost share responsibility for design would be \$39,076 and for construction would be \$268,936. There is currently \$229,988.20 in the reserve fund, CIP #19029. The request is for \$80,000 which when combined with CIP #19020 will cover the cost for design and construction.</p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) This project would have no additional recurring operating costs.</p>	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<b>Department:</b> Engineering	<b>Contact Person:</b> Matthew J. Sullivan
<b>Request Title:</b> Streetlight upgrade to LED	
<b>General Description:</b> The City was notified it was approved to receive funding through the Carbon Reduction Program (CRP) to upgrade existing high-pressure sodium streetlights with more efficient LEDs. Under the CRP the City is responsible for 20% and any funds in excess of the approved funding limits for the design and construction work. The City will also be applying for funds under the Energy Efficiency and Conservation Block Grant (EECBG) Programs where funds are allocated and there is no match required.	
<b>Justification and Intent:</b> In 2018, a policy team (comprised of city employees and one resident) was created to conduct a feasibility analysis for conversion to LED streetlights as this was a Strategic Action item for the City. During the initial phase of the study, the team conducted an inventory and condition assessment of the poles and lights owned by the City. Although the study identified some additional deficiencies with the overall system (cabinets, meters, poles, conduit), the City is currently focusing on upgrading segments of the existing street lighting from High Pressure Sodium (HPS) to a more energy efficient LED fixture. The City owns and maintains over 3,500 light fixtures. In addition to the City-owned and maintained fixtures, the City pays We Energies to operate over 1,500 lights. The policy team evaluated energy efficiencies, associated financial savings, maintenance costs, and CO2 emissions. Energy savings for the City-owned lights are estimated at 1,356,725 kWh annually, therefore the conversion would save approximately \$135,675 a year in energy costs. The reduced energy consumption would also reduce the carbon footprint by 1,040,000 lbs. of CO2 emissions. To put that in perspective, the EPA Green House Gas Equivalencies Calculator estimates the same amount of CO2 would be emitted by driving a car about 1,162,309 miles in one year. Although it would be ideal to upgrade the entire existing street lighting system at once, it's cost prohibitive for the City. Therefore, in 2021 the City started by upgrading a small percentage of the existing fixtures and has requested funding to replace an additional 25% of the existing fixtures, utilizing the Carbon Reduction Program. The City has prioritized upgrading the existing fixtures on the segments of road within the City of Oak Creek that impact the greatest number of users & efficiently connect the street lighting system. The project has been approved for CRP grant funding where the State pays 80% and the City pays 20%. In addition to the CRP grant the City has applied for funds through the EECBG Program where there is \$76,280 allocated with no cost match required.	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<p><b>Description of Alternatives:</b></p> <p>To not do a project and not take advantage of the CRP and EECBG grant funding that is available.</p>
<p><b>Description of Disposal, if Applicable:</b></p> <p>Existing high pressure sodium lights will be salvage and reused for maintenance of lighting system - burn outs, knock downs etc.</p>
<p><b>Impact on other Projects:</b></p> <p>N/A</p>
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here)</p> <p>The CRP grant funding is for a total of \$ 349,650 where the City's cost share is \$69,930 (20%). Funding allocated through the EECBG grant is \$76,280 and requires no matching of funds. The request is for \$70,000 to cover the City's cost share responsibility from the CRP grant funding.</p>
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?)</p> <p>This project would install energy efficient LED luminaires reducing the energy costs and long term maintenance.</p>



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Engineering	<b>Contact Person:</b> Matthew J. Sullivan
<b>Request Title:</b> S. 13 <sup>th</sup> Street Reconstruction (Puetz Rd to Drexel Ave) - Local Cost Share	
<b>General Description:</b> Street lighting relocation/upgrade to LED and other non-participating items.	
<b>Justification and Intent:</b> Milwaukee County will be reconstructing 13th Street (CTH V) from Puetz Rd to Drexel Avenue in 2024. It is Milwaukee County's policy to not provide for street lighting along their highways. Therefore, any lighting would be the responsibility of the local municipality. The road currently has street lighting in the form of rented We Energies fixtures on existing utility poles that need to be relocated and changed from High Pressure Sodium to LED. The reconstructed road will have sidewalks and on-street bicycle lanes, so it is Engineering's opinion that adequate lighting is necessary from a safety standpoint. Various other city utility adjustments would be classified as "non-participating" work items that would be the City's cost responsibility.	
<b>Description of Alternatives:</b> Design and construct City owned and maintained lighting system at an estimated cost of \$400,000 or eliminate all street lighting along this corridor.	
<b>Description of Disposal, if Applicable:</b> N/A	
<b>Impact on other Projects:</b> Milwaukee County's reconstruction project of S. 13 <sup>th</sup> Street (CTH V) in 2024.	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The request is for \$30,000 for street lighting upgrade/relocation and other non-participating items.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) The annual power costs for the lighting upgrade to LED will be reduced by approximately \$512.00.	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b>	<b>Contact Person:</b>
Engineering	Matthew J. Sullivan
<b>Request Title:</b>	
Intersection of Liberty-Puetz	
<b>General Description:</b>	
Construct a roundabout at the intersection of Liberty-Puetz.	
<b>Justification and Intent:</b>	
<p>City retained GRAEF in the fall of 2022 to study the intersection of W. Puetz Rd., S. Liberty Ln., and S. Wood Creek Dr. GRAEF evaluated the existing traffic conditions and intersection geometry and analyzed several intersection design alternatives for current and design year (2043) operations. Based on the study, it is recommended that the intersection be reconstructed as a full-size roundabout to improve traffic operations and safety. The results of the study were discussed by the Board of Public Works and Capital Assets at the February 14, 2023, meeting and it was recommended to proceed with the roundabout as the preferred alternative. On February 20, 2023, the Common Council supported that recommendation by giving direction to the Engineering Department to proceed with design of a roundabout.</p> <p>The roundabout operations do not facilitate the same perceived unnecessary delay during off-peak and low volume times, while still providing the same uniform traffic calming and safety improvements during peak hour operations. A standard roundabout is also a more effective safety countermeasure to address the identified angle crash pattern and history of vulnerable user crashes at the intersection. Roundabouts increase vulnerable user safety by moving and upsizing the crosswalks and paths to outside of the intersection to be within the splitter islands, where crosswalk lengths are much shorter. This crosswalk location of approximately 25-ft behind the yield line allows for one vehicle to queue at the roundabout yield line and provides pedestrians with a 2-stage crossing behind the vehicles. Additionally, the line of sight for drivers who are approached or departing the roundabout is pointed directly to where the pedestrians are crossing, unlike traditional signalized intersections. Therefore, the installation of a standard roundabout is recommended to address the safety and operational concerns at the intersection of W Puetz Road and S Liberty Lane/S Wood Creek Drive.</p>	
<b>Description of Alternatives:</b>	
To not fund and have the intersection continue to operate at a low level of service.	
<b>Description of Disposal, if Applicable:</b>	
N/A	
<b>Impact on other Projects:</b>	
Puetz Road from Liberty to 13 <sup>th</sup> Street remains on the horizon for an expansion to four lanes or a TWLTL.	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

**Cost Analysis:** (Quotes, estimates, breakdown of potential cost and how you arrived here)

The total estimated cost for the construction is \$1,450,000 which includes construction cost (\$1,250,000), construction management (\$150,000), and real estate (\$50,000). The request is for \$50,000 for the real estate in 2024 allowing for utility relocations and real estate purchases to occur prior to construction in 2025.

**Annual Impact on Operating Budget:** (Will we have an additional reoccurring operating cost?)

There would likely be increased snow removal for the proposed additional sidewalk and utility costs for the additional streetlights.



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Engineering	<b>Contact Person:</b> Matthew J. Sullivan
<b>Request Title:</b> Police Department - Parking Lot	
<b>General Description:</b> The existing asphalt in the parking lot has deteriorated past the point of repair. This project will reconstruct the parking lot with permeable asphalt pavement.	
<b>Justification and Intent:</b> The Police Station was built in 2002 and opened for business in early 2003. Over the past 20 years the pavement has seen distresses/failures accelerated along the middle of the parking lot due to the existing design which directs storm sewer to middle of the driving aisle into inlets. After assessing the parking lot existing configuration and the pavement distresses it was determined that the pavement should be replaced. The Engineering Department has secured a Green Solutions grant from the Milwaukee Metropolitan Sewer District that will be used to construct the parking lot improvements which will include the use of permeable asphalt.	
<b>Description of Alternatives:</b> The City could elect to not improve the parking lot; however, availability of the Green Solutions funding may also not be available if the project does not move forward.	
<b>Description of Disposal, if Applicable:</b> N/A	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The improvements are estimated to cost \$545,435 which will be funded through the MMSD Green Solutions program. The request is for \$0, but this notes the City will need to first outlay funds for the project and then be reimbursed through MMSD.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) Reconstruction of the parking lot will lower maintenance needs over the next decade and reduce expenses for pavement maintenance.	





**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Engineering	<b>Contact Person:</b> Matthew J. Sullivan
<b>Request Title:</b> Civic Center Roof Repairs	
<b>General Description:</b> Perform roof repairs identified in the 2023 Civic Center roof inspection. These repairs include flashing termination, obstruction removals, EPDM repairs (loose seams and patches) and installation of snow retention system on clock tower.	
<b>Justification and Intent:</b> The Civic Center was built in 2015 and has approximately 126,000 square feet of roof. In 2023 the roof was inspected to identify any deficiencies that required repair and the severity of these deficiencies. Most roof repairs address locations that present areas where water could penetrate the roof system causing significant damage to the interior of the building. Proper maintenance of the roof system will reduce the potential for future damage to the roof and interior areas of the Civic Center.	
<b>Description of Alternatives:</b> The alternative is to not fund this request and allow maintenance needs to be deferred to future years potentially causing water damage to the Civic Center.	
<b>Description of Disposal, if Applicable:</b> N/A	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The repairs were broken into three groups with levels of severity. The first group included flashing termination repair and roof obstruction removal (critical) with a cost of \$6,500. The second group included EPDM repairs of loose seas and patches (critical) with a cost of \$8,500. The third group was the snow retention system on the clock tower (major) with a cost of \$23,000. The request is for \$40,000 to cover the cost of all groups to be repaired in 2024.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) There will be no direct impact on reoccurring operating cost.	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<p><b>Department:</b> Engineering</p>	<p><b>Contact Person:</b> Matthew J. Sullivan</p>
<p><b>Request Title:</b> North Lakefront Bluff Stabilization and Revetment.</p>	
<p><b>General Description:</b> Funds to finalize the North Bluff Stabilization and Shoreline project.</p>	
<p><b>Justification and Intent:</b></p> <p>The North Bluff Revetment and Bluff Stabilization is the foundation of the future new public park and shoreline promenade planned for the area. The shoreline protection and new future park amenities will be a regional draw and add value and incentive for high quality redevelopment in the adjacent upland areas. The project commenced construction in the summer of 2023 and is anticipated to be completed in late spring of 2024.</p> <p>In the two years of design and bidding, the north bluff continued to erode, and has become more unstable creating increased concerns for equipment and the safety of employees (risk of injury or even death) if the project would continue to be constructed as designed. To achieve the goal of a stabilized bluff safely, an alternate method of construction was presented by the contractor that will allow the project to be constructed safely. The alternative construction method came with a significant estimated cost increase. The contractor, design team and City staff have gone through many iterations of the proposed changes findings ways to reduce costs while still achieving the final project completion safely. Without using the alternate means &amp; methods proposed, the bluff stabilization portion of the project could not be completed.</p> <p>Additionally, the lakebed floor is dynamic and has changed in the two years since design. This requires additional stone to construct the revetment.</p>	
<p><b>Description of Alternatives:</b></p> <p>The alternative to not approving the budget for this item would be that the project would stop upon completion of the revetment and lakebed fill. If the stabilization is not completed, the bluff will continue to fail and be prone to both large and small landslides that occur without warning. Due to the instability and on-going landslides, the bluff area is extremely dangerous to anyone near there. Despite fence and signage, people's curiosity creates poor choices of trespassing and walking along the bottom or top of the bluff putting them at risk of injury or potentially death if the bluff failed at the wrong time. Additionally, as the bluff continues to fail, the contaminated material at the top of the bluff will continue to be released onto the fill below, placing the City in the position of having an on-going environmental release as well as preventing the use of the area for any recreational activities. In addition to the contaminated soil, there are numerous structures including large concrete boxes that are currently at risk of falling down the bluff. These physical and environmental risks, and the associated liability to the City, would continue, and the risk would increase over time.</p>	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

**Description of Disposal, if Applicable:**

N/A

**Impact on other Projects:**

If this project is not completed, the future park will not be created, and the future benefits such as economic redevelopment in the upland properties north of Lake Vista would be unlikely to occur.

**Cost Analysis:** (Quotes, estimates, breakdown of potential cost and how you arrived here)

The design team has explored alternatives – the initial cost of the alternative construction method was estimated at \$3,475,000. We have worked with the design to get the cost down to an additional cost of approximately \$2.5M. The additional stone cost is estimated to be an additional \$775,000 at the end of the project. Some additional work to keep the public safe while this project is finished, and the next stabilization commences may be needed. This cost is estimated at up to \$200,000 although will likely be less. Currently there is a balance of \$10,769,772 in the CIP #23005 dedicated to the bluff stabilization and revetment project. The estimated cost of the entire project with the additional work as described is just short of \$13,000,000.

The request is \$2,250,000 which is the estimated cost needed to complete the project.

**Annual Impact on Operating Budget:** (Will we have an additional reoccurring operating cost?)

There will be no direct impact on reoccurring operating cost.



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Engineering	<b>Contact Person:</b> Matthew J. Sullivan
<b>Request Title:</b> North Bluff Stabilization Phase 2 (Former Connell and Hynite).	
<b>General Description:</b> Design and construct the final bluff stabilization for the former Hynite and Connell parcels.	
<b>Justification and Intent:</b> This portion of the North Bluff Stabilization will be the foundation and focal point of the future new public park and shoreline promenade planned for the area. The shoreline protection and new future park amenities will be a regional draw and add value and incentive for high quality redevelopment in the adjacent upland areas. This project is necessary to be able to create the future park. It is also necessary to cap environmental contamination and make the area safe for human contact. At this time this portion of the bluff remains unstable, and has the potential for landslide that would result in injury or death. This project will stabilize the bluff and provide an environmental cap.	
<b>Description of Alternatives:</b> The alternative to not approving the budget for this item would be that the project would not be undertaken. If the project is not undertaken, the future park cannot be completed. The environmental contaminants will not be capped. The bluff will not be stabilized which puts the public at potential risk. These risks, and the associated safety hazards and liabilities, will only get worse over time if the project is not completed.	
<b>Description of Disposal, if Applicable:</b> N/A	
<b>Impact on other Projects:</b> If this project is not completed, the future park will not be created, and the future benefits such as economic redevelopment in the upland properties north of Lake Vista would be unlikely to occur.	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The design and construction estimate assumes a similar method of stabilization as that now anticipated for the north bluff. The estimated cost of design is \$150,000 and construction is \$3,500,000. The request is for \$150,000 to cover the design cost in 2024 in preparation for construction in 2025.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) There will be no direct impact on reoccurring operating cost.	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Engineering	<b>Contact Person:</b> Matthew J. Sullivan
<b>Request Title:</b> Bridge Maintenance Fund	
<b>General Description:</b> Annual contributions to the fund to be used for regular bridge inspections and maintenance procedures.	
<b>Justification and Intent:</b> The City is required to have inspections conducted on its 19 bridges on a biennial basis (two of these are actually inspected annually due to lower ratings). The cost of the inspections, conducted by a certified bridge consultant, has been about \$5,000. The inspections document bridge conditions and identify necessary maintenance to prolong useful life, maintain performance, and keep bridge structures safe for travel.	
<b>Description of Alternatives:</b> The alternative is to not fund this request, but then the fund does not grow to an adequate level and maintenance may have to be deferred or budgeted all at once after the maintenance backlog builds up.	
<b>Description of Disposal, if Applicable:</b> N/A	
<b>Impact on other Projects:</b> CIP #19016 has a balance of \$374,561.64. This has been established as a growing maintenance fund with additional annual contributions.	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The request is for an additional \$75,000 to be added to the existing fund balance so that adequate reserve is available to cover costs of the inspections, immediately warranted maintenance work, and to build an adequate fund for a larger maintenance project in the future.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) No direct impact other than some identified maintenance needs might be able to be completed by DPW personnel.	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Engineering	<b>Contact Person:</b> Matthew J. Sullivan
<b>Request Title:</b> Storm Water Equipment Fund	
<b>General Description:</b> Establishment of an equipment replacement fund.	
<b>Justification and Intent:</b> In the 2021 budget cycle, the City established a cumulative fund for storm water equipment replacement. Much of the equipment used in storm water maintenance is substantial, thus can be very costly when it is replaced near the end of its useful life. This includes backhoes, street sweepers, hydroseeders, etc. To avoid having to come up with larger sums of money all at once when replacement of a piece of equipment becomes necessary, this cumulative fund can be tapped to at least cover a significant portion of the future purchases.	
<b>Description of Alternatives:</b> The alternative is to not contribute to this fund, but then the next larger equipment purchase would have to be funded all at once.	
<b>Description of Disposal, if Applicable:</b> When old equipment is replaced, it is generally sold at auction or traded in with the new equipment so that maximum residual value comes back to the City.	
<b>Impact on other Projects:</b> This could increase the ability to fund other proposed storm water projects.	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The request is for \$75,000 in 2024 as an annual installment into this equipment replacement fund with the intent to request additional contributions annually to build up this reserve fund. The current fund (under CIP 21019) has a balance of \$225,000, so this requested contribution would increase the balance to \$300,000.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) None. It is anticipated that Fund 38 would be the appropriate source for this funding.	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Engineering	<b>Contact Person:</b> Matthew J. Sullivan
<b>Request Title:</b> Stream Restoration Fund	
<b>General Description:</b> Annual contribution to the stream restoration fund to be used on upcoming projects.	
<b>Justification and Intent:</b> WDNR has identified Crayfish Creek, Oak Creek, and the Northbranch of Oak Creek as impaired waterways due to phosphorus and chlorides, resulting in acute and chronic aquatic toxicity and degraded biological community. SEWRPC is currently developing a restoration plan for the Oak Creek which will serve as the basis for developing Total Maximum Daily Loading (TMDL) requirements that will be administered through the City's NR 216 permit. In the past three budget cycles, funding was set aside to start and then build this stream restoration fund. There is currently \$250,000 reserved (CIP #20022). This request for another \$70,000 contribution would bring the balance up to \$320,000 and closer to being able to fund, in partnership with grant funding, a viable stream restoration project. Storm Water staff has already identified a section of the O8 Tributary (100 block of E. Centennial Drive) and of the Oak Creek near Abendschein Park as likely candidates for the first stream restoration projects.	
<b>Description of Alternatives:</b> The alternative is to not fund this request, but then the fund does not grow to an adequate level, or would need to be budgeted all at once (borrowed for) after the TMDL requirements come online and are enforceable.	
<b>Description of Disposal, if Applicable:</b> N/A	
<b>Impact on other Projects:</b> This will likely affect the ability to fund other proposed Storm Water projects.	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The request is for \$70,000 in 2024 for this cumulative stream bed restoration project. To this point, the Common Council has been in agreement with the merits of this project and proposed funding method, so there will be annual requests to bolster this fund for eventual construction of various strategic stream restoration projects.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) None. It is anticipated that Fund 38 would be the appropriate source for this funding.	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Fire Department	<b>Contact Person:</b> Michael Kressuk, Fire Chief
<b>Request Title:</b> Self-Contained Breathing Apparatus Replacement	
<b>General Description:</b> Replacement of critical and required Self-Contained Breathing Apparatus	
<p><b>Justification and Intent:</b></p> <p>The Department’s self-contained breathing apparatus (SCBA) are over 11 years old. Additionally, they are two National Fire Protection Association standards old. These standards establish equipment specifications and safety features. Our existing SCBA air cylinders are approaching 10 years, which is end-of-life for these bottles. Like turnout gear, SCBAs are an essential piece of safety equipment that are eventually subject to replacement.</p> <p>The Department had initially identified 2024 as the capital replacement year, but in 2023 we proceeded with an Assistance to Firefighters Grant (AFG) application in an effort to reduce the impact of the replacement cost for the City. As of this submittal, the Department has not yet received notification of acceptance or denial of the grant.</p> <p>The Department will remain active in the 2023 grant process as awards are still being distributed through the fall. The Department will also again apply for an AFG in 2024. The Department is requesting SCBA replace as a 2024 capital project. This capital request will be withdrawn if a grant is awarded.</p> <p>This request includes the replacement of 36 SCBA units, 72 air cylinders, and miscellaneous support equipment.</p>	
<b>Description of Alternatives:</b> None	
<b>Description of Disposal, if Applicable:</b> Old SCBAs will be disposed of or donated to local tech colleges to be used during training. Cylinders reaching their life-expectancy will be disposed of.	
<b>Impact on other Projects:</b> None	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here)</p> <p><b>Total Cost: \$500,000</b></p> <p>The initial quote at the time of grant submittal was \$468,275. The Department is requesting \$500,000 to account for anticipated industry price increase.</p>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) None	





## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<p><b>Department:</b> Fire Department</p>	<p><b>Contact Person:</b> Michael Kressuk, Fire Chief</p>
<p><b>Request Title:</b> Utility Vehicle Replacement</p>	
<p><b>General Description:</b> Replacement of Department utility vehicles.</p>	
<p><b>Justification and Intent:</b></p> <p>The Department currently maintains 4 utility vehicles that provide non-emergency support to Department operations. These utility vehicles provide support for fire inspection, daily errands, transport of equipment between stations, and administrative staff needs. The Department maintains 2 pick-up trucks (one of which serves as a grass fire unit) and 2 Chevrolet Tahoes. These 2 Tahoes (Utilities 181 and 184) were received from the Police Department as re-purposed squads; Utility 181 is a 2016 model year with 136,589 miles, and Utility 184 is a 2011 model year with 136,863 miles. Utility 181 has been equipped and designated as the reserve unit for Battalion 18, reducing its overall availability as a utility vehicle. Utility 184 is dedicated to fire inspection activities and is reaching end of life with numerous maintenance issues. With the current challenges faced in receiving new Tahoes, the Police Department is not able to provide us with new, re-purposed vehicles as replacements.</p> <p>The Fire Department is requesting approval to participate in the fleet leasing program to acquire necessary utility vehicles to support Department activities. Specifically, the Department is primarily requesting:</p> <ul style="list-style-type: none"> <li>- 1 vehicle to serve as the primary fire inspection vehicle;</li> <li>- 1 vehicle to serve as a part-time fire inspection/general utility vehicle;</li> <li>- 1 vehicle to serve as a general use Chief/Assistant Chief vehicle;</li> <li>- Alternate request: 2 additional vehicles to allow for distribution of vehicles to Chief and Assistant Chiefs. This request allows for the provision of vehicles in lieu of monthly car allowances. This alternative primarily accounts for the safety issue associated with the transport of fire gear and equipment in personnel vehicles. It also provides chief officers with vehicles that are clearly identified as Oak Creek Fire Department resources, to include emergency lighting; and allows each chief to be able to carry gear and equipment outside of their personal vehicles.</li> </ul>	
<p><b>Description of Alternatives:</b></p> <ol style="list-style-type: none"> <li>1. Primary request for 3 utility vehicles;</li> <li>2. Alternate request for a total of 5 utility vehicles;</li> <li>3. Reject this request and pursue the purchase of new vehicles as replacements.</li> </ol>	
<p><b>Description of Disposal, if Applicable:</b> Utility 184 will be offered back to the Police Department.</p>	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

### Impact on other Projects:

None

### Cost Analysis: (Quotes, estimates, breakdown of potential cost and how you arrived here)

As recommended in the correspondence with Director Trebatoski and Enterprise Fleet Management, Nissan Pathfinders would represent the optimal selection. Information on open budget amounts and program equity are also included in the correspondence. Based on the information presented, the costs for these vehicles (including maintenance packages) are:

1. For 3 Nissan Pathfinders:
  - a. 2024 - **\$12,662**
  - b. 2025+ - **\$25,324**
2. For 5 Nissan Pathfinders:
  - a. 2024 - \$21,103 plus \$17,334 (lights/siren) minus \$6,600 in car allowances = **\$31,837**
  - b. 2025+ - \$42,205 plus \$17,334 (lights/siren) minus \$6,600 in car allowances = **\$52,939**

### Annual Impact on Operating Budget: (Will we have an additional reoccurring operating cost?)

No additional maintenance costs if vehicle maintenance service option is selected. Approval of the alternate request will result in the removal of car allowances for Chief and Assistant Chiefs (a total of \$6,600). Minor costs associated with the outfitting of equipment and temporary labeling will also be incurred and have to be absorbed in the Department's vehicle maintenance operating line item.



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Fire Department	<b>Contact Person:</b> Michael Kressuk, Fire Chief
<b>Request Title:</b> Station Furnishings	
<b>General Description:</b> Funding for the replacement of station office and living area furnishings.	
<b>Justification and Intent:</b> <p>The Fire Department is a 24-hour operation, 365 days per year. The three fire stations must not only support the business operations of the Department, but must also provide living quarters for the duty crews. Duty crews are assigned to 24-hour shifts and afforded the opportunity to rest and recuperate when not engaged in Department activities or emergency responses. This request provides funding for the replacement of several office and living area items that are aged and/or in disrepair. This list of items includes:</p> <ul style="list-style-type: none"> <li>- 18 mattresses (distributed to each station)</li> <li>- 8 kitchen chairs (Station 1)</li> <li>- 4 recliners (Stations 2 and 3)</li> <li>- 9 office chairs (Station 3 office/administration)</li> </ul>	
<b>Description of Alternatives:</b> None	
<b>Description of Disposal, if Applicable:</b> Replaced items will be discarded.	
<b>Impact on other Projects:</b> None	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$17,472</b> <ul style="list-style-type: none"> <li>- \$7,060 for 18 mattresses (distributed to each station)</li> <li>- \$900 for 8 kitchen chairs (Station 1)</li> <li>- \$4,400 for 4 recliners (Stations 2 and 3)</li> <li>- \$5,112 for 9 office chairs (Station 3 office/administration)</li> </ul>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) None	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Fire Department	<b>Contact Person:</b> Michael Kressuk, Fire Chief
<b>Request Title:</b> Portable Radio Purchase	
<b>General Description:</b> Purchase of four (4) additional portable radios to support Department operations.	
<b>Justification and Intent:</b> The Department is requesting approval for funding to allow for the purchase of four (4) additional portable radios. A 2023 internal audit revealed our existing radios are below what our communications plan necessitates. The addition of these radios would fill the operational shortage caused by radio rotation due to repairs, as well as additional fire inspector and mobile integrated healthcare program radio needs.	
<b>Description of Alternatives:</b> None	
<b>Description of Disposal, if Applicable:</b> NA	
<b>Impact on other Projects:</b> None	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$28,133</b> for radios, batteries, charging stations, accessories, and programming.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) The addition of four (4) portable radios will add an estimated \$1,017.78 to the Department's annual user fees (\$254.446 per each radio).	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Fire Department	<b>Contact Person:</b> Michael Kressuk, Fire Chief
<b>Request Title:</b> Station 3 Painting	
<b>General Description:</b> Painting of the Station 3 administrative and living areas.	
<b>Justification and Intent:</b> In addition to emergency response resources, Fire Station 3 also serves as the Department's administrative headquarters, regularly hosting meetings and classroom trainings. As the station approaches its 25 <sup>th</sup> year, the Department is recommending initiatives to maintain the building and preserve its usefulness for years to come. This painting project request will address several areas of damage caused by water leaks and structural changes, as well as provide a clean and professional appearance for occupants and visitors.	
<b>Description of Alternatives:</b> None	
<b>Description of Disposal, if Applicable:</b> NA	
<b>Impact on other Projects:</b> None	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$16,560</b> \$14,910 if work is completed by April 30 <sup>th</sup> , 2024 \$16,560 if work is completed after April 30 <sup>th</sup> , 2024 The Department is recommending the <b>\$16,560</b> option unless HVAC repairs to prevent future ceiling leaks can be performed ahead of the April 30 <sup>th</sup> date.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) None	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Fire Department	<b>Contact Person:</b> Michael Kressuk, Fire Chief
<b>Request Title:</b> Fitness Equipment Replacement	
<b>General Description:</b> Purchase of two treadmills, two squat racks, and associated equipment to replace existing treadmills and racks.	
<b>Justification and Intent:</b> <p>The Department maintains a fitness area at each station as part of the mandatory fitness program. Two treadmills at Stations 1 and 2 are both in excess of 12 years old and, as of this request, have required frequent maintenance. The Department also maintains racks at each station that allow for basic strength training exercises. The racks at Stations 1 and 2 are not commercial-grade and were purchased in the early 2000s. Both racks are showing significant wear and tear.</p> <p>As part of the fitness programming, equipment such as treadmills and racks are used multiple times per day. Commercial grade equipment is required to sustain this daily usage and remain in-service and in good working order. Considering the age and condition of our equipment, this request will provide a safer and more reliable training environment. The Department is requesting the purchase of 2 treadmills, 2 racks, and associated equipment.</p>	
<b>Description of Alternatives:</b> None	
<b>Description of Disposal, if Applicable:</b> Old equipment will be sold via auction or disposed if sale does not occur.	
<b>Impact on other Projects:</b> None	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$15,000</b> <ul style="list-style-type: none"> <li>- \$11,000 for 2 treadmills (Stations 1 and 2)</li> <li>- \$2,000 for 2 squat racks (Stations 1 and 2)</li> <li>- \$2,000 for rack accessories (Stations 1 and 2)</li> </ul>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) This request may result in a potential decrease in operating expenses due to manufacturer warranties and estimated decrease in service calls.	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Fire Department	<b>Contact Person:</b> Michael Kressuk, Fire Chief
<b>Request Title:</b> Fire Gear Replacement, Phase 4 of 5	
<b>General Description:</b> Funding for the purchase of firefighter personal protective equipment associated with emergency operations.	
<b>Justification and Intent:</b> To provide the necessary funding for the 5-year replacement cycle of personal protective equipment, the Fire Department was instructed by the Common Council to annually budget 20% of the total projected personal protective equipment costs for all personnel. This funding has allowed the Department to adhere to the 5-year replacement plan and provide all members with the required protective equipment. The Department participates in a purchasing consortium which has resulted in cost savings realized through volume purchases. The Department also protects its purchase through a comprehensive gear inspection, cleaning, and maintenance program.  This CIP has been funded at \$35,000 since at least 2019. To keep pace with increasing costs, the Department is recommending an increase in annual funding from \$35,000 to \$40,000.	
<b>Description of Alternatives:</b> Provide funding in the amount of approximately \$200,000 every 5 years to account for the purchase of personal protective equipment. The current funding strategy was recommended in order to reduce the impact of these large, recurring purchases by spreading the costs over several years.	
<b>Description of Disposal, if Applicable:</b> Recently retired fire gear will be rotated into reserve/back-up status to be used when primary sets of gear are being cleaned or repaired.	
<b>Impact on other Projects:</b> None	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$40,000</b>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) None	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<p><b>Department:</b>          Central Services          Information Technology Services          Division</p>	<p><b>Contact Person:</b>          Thomas Kramer, IT Manager</p>
<p><b>Request Title:</b>          Core Network Replacement</p>	
<p><b>General Description:</b>          This request is to replace the core of the City's network infrastructure.</p>	
<p><b>Justification and Intent:</b>          The current core network hardware for the City was purchased during the move from the old City Hall to the new Civic Center in 2015. The hardware is coming up on nine years of its expected ten-year lifespan. Since the City purchased the equipment, it has expanded past its intended use and is currently at physical capacity. Additionally, it will no longer be supported by the vendor in 2025. The IT Services Division is looking to order and replace this equipment in the next fiscal year due to the supply chains lead time for networking equipment. We have had to wait over a year on some replacement parts for other switches and want to ensure there is ample time to configure, test, and deploy this new equipment prior to end of support of the current core. The new system is being built with redundancy in operations and security as a priority.</p>	
<p><b>Description of Alternatives:</b>          The City can wait an additional year prior to the replacement of the core network, but in doing so, could potentially lapse support coverage. If a vulnerability is found, the vendor will not supply a patch for it moving forward, potentially leaving the City vulnerable to a cyberattack.</p>	
<p><b>Description of Disposal, if Applicable:</b>          The old equipment will have its configuration wiped and the equipment will be recycled.</p>	
<p><b>Impact on other Projects:</b>          The failure of this equipment would cease all computer network operations across the organization.</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here)          Budgetary quotes put the estimate at \$157,253.92, but with deal registrations and contract pricing we believe this to be lower and are requesting <b>\$150,000</b>.</p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?)          We anticipate a \$5,000 increase in annual support yearly.</p>	





**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<p><b>Department:</b> Central Services Information Technology Services Division</p>	<p><b>Contact Person:</b> Thomas Kramer, IT Manager</p>
<p><b>Request Title:</b> Computer and Server Equipment Replacement</p>	
<p><b>General Description:</b> The purpose of this request is to replace computer and server equipment each year. Part of these funds cover the replacement of 20% of the 300 desktops and laptop in use around the City. This will allow for a five (5) year computer replacement cycle for the City. The remainder of the funds will be used to replace aging hardware around the City.</p>	
<p><b>Justification and Intent:</b> Replacing 20% of the City's desktop and laptop fleet will cost approximately \$75,000-\$80,000 depending on the number of laptops replaced. The remaining \$25,000-\$45,000 will be used to replace some primary servers.</p>	
<p><b>Description of Alternatives:</b> Operating System upgrades and hardware (i.e., RAM, hard drives, etc.) could be attempted on several of the older PC's/Servers to provide functionality. We could also continue to use the existing servers which could result in emergency spending if a server were to fail.</p>	
<p><b>Description of Disposal, if Applicable:</b> Hard drives would be destroyed, and the remainder of the equipment would be recycled.</p>	
<p><b>Impact on other Projects:</b> Replacing computers on a schedule ensures our workstations are equipped to run the newest version of software from Microsoft Office Suite to CAD programs.</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The total estimated cost is <b>\$120,000.</b></p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) There is no annual operating impact related to this project outside of the staff's time to perform the work.</p>	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<p><b>Department:</b> Central Services Information Technology Services Division</p>	<p><b>Contact Person:</b> Thomas Kramer, IT Manager</p>
<p><b>Request Title:</b> Backup Infrastructure Replacement</p>	
<p><b>General Description:</b> This request is to replace the City’s backup infrastructure.</p>	
<p><b>Justification and Intent:</b> The City currently utilizes a vendor where we pay for the hardware and software over a three-year contract. With the existing setup, we are limited to the storage capacity of the purchased contracted hardware for the term. This has been problematic for the organization as storage needs grow year-to-year and right-sizing the equipment has become a challenge. Additionally, the current solution does not allow us to copy offline files to more than one location at a time, which does not allow us to follow best practices in the event of a ransomware attack. Lastly, and most importantly, the existing equipment cannot handle the volume of data that the City requires. The current contract concludes at the end of 2024. The IT Services Division is recommending we move to a new solution where we purchase the hardware separate from the software to have control on equipment sizing in the future. We currently utilize this proposed solution at South Milwaukee with great success.</p>	
<p><b>Description of Alternatives:</b> The City can renew the contract with the current vendor year-to-year at an increased rate or continue with a three-year contract for a discount as it has in the past. The IT Services Division can manually backup other areas where the current solution cannot, but this leads to unnecessary staff hours to do so and introduces a human element to the process where mistakes could be made.</p>	
<p><b>Description of Disposal, if Applicable:</b> The old equipment will be wiped and recycled.</p>	
<p><b>Impact on other Projects:</b> N/A</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) Budgetary quotes put the estimate at \$14,132.40 yearly for the software. We currently pay \$18,216 yearly for both hardware and software. Hardware costs are estimated at \$41,700, which includes a new server at \$26,000, a tape drive at \$6,700, and hard drives for storage at \$9,000.</p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) We will see a <b>reduction</b> of around \$4,000 on annual software costs per year.</p>	

## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<b>Department:</b> Central Services Information Technology Services Division	<b>Contact Person:</b> Thomas Kramer, IT Manager
<b>Request Title:</b> Copier and Printer Replacements	
<b>General Description:</b> The purpose of this request is to replace six copiers/printers around the City.	
<b>Justification and Intent:</b> <p>We currently purchase the City copiers with the intent on utilizing them for ten years. We are looking to replace the two copiers and three printers in the City's network that have high usage and are also getting to or exceeding the ten-year average lifespan of a copier.</p> <ul style="list-style-type: none"> <li>• Civic Center Workroom Color Copier from 2013</li> <li>• Civic Center Front Counter Color Copier from 2011</li> <li>• PD Report Writing Room Color Copier from 2011</li> <li>• Dispatch Printer from 2013</li> <li>• PD Booking Room Printer from 2012</li> <li>• Health Department Printer from 2012</li> </ul>	
<b>Description of Alternatives:</b> <p>While these copiers may continue to operate if they are not replaced, there is potential for them to fail. With the age of the copiers, replacement parts are hard to come by and becoming more expensive. The manufactures are also no longer providing software or firmware updates which leave the City vulnerable to cyberattacks.</p>	
<b>Description of Disposal, if Applicable:</b> <p>Hard drives would be destroyed, and the remainder of the equipment would be recycled.</p>	
<b>Impact on other Projects:</b> <p>N/A</p>	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <p>A total of <b>\$22,550</b> is being requested. The cost for the Civic Center Workroom copier is estimated at \$8,500 (due to a higher output capability); PD Report Writing Room and Civic Center Front Counter copier at \$5,000 each; and the three printers at \$1,350 each.</p>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) <p>It is expected the cost per page to go down for both color as well as black and white. This will result in lower costs year to year.</p>	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<p><b>Department:</b>          Central Services          Information Technology Services          Division</p>	<p><b>Contact Person:</b>          Thomas Kramer, IT Manager</p>
<p><b>Request Title:</b>          SQL Enterprise License</p>	
<p><b>General Description:</b>          This request is to fund software licensing for SQL Enterprise.</p>	
<p><b>Justification and Intent:</b>          This request is to fund the licensing for SQL Enterprise. Currently, the City holds licensing for SQL Standard. The SQL Enterprise license would unlock features in the Phoenix Record Management System (RMS) that will allow the Police and Fire Departments the ability to dive deep into the analytics of call information dynamically. SQL Enterprise comes with a full site license for PowerBI, a powerful visualization tool, that will allow staff to be able to build custom reports and visualizations on the data that we maintain. Some other potential uses include building reports around the ERP system, ticketing software, and phone system. Lastly, this allows for setting up high availability of all services/software that requires SQL, including all CAD functions, to reduce the potential for disruption in case of a hardware failure.</p>	
<p><b>Description of Alternatives:</b>          Other software alternatives do not work with Phoenix RMS.</p>	
<p><b>Description of Disposal, if Applicable:</b>          N/A</p>	
<p><b>Impact on other Projects:</b>          N/A</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here)          The cost of the license is <b>\$21,994.34</b>.</p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?)          The City's Microsoft enterprise agreement costs would increase by \$4,884.54 annually.</p>	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<p><b>Department:</b> Central Services Information Technology Services Division</p>	<p><b>Contact Person:</b> Thomas Kramer, IT Manager</p>
<p><b>Request Title:</b> Email Archiver Replacement</p>	
<p><b>General Description:</b> This request is to replace the current email archiver.</p>	
<p><b>Justification and Intent:</b> The City currently backs up all emails in accordance with public record laws. The City's current archiver has worked for the most part without too many issues. However, we are charged for hardware and the maintenance of the hardware where other systems can be virtualized and work on our current infrastructure. This request is to move to a new platform to expand capabilities of our archiving system and reduce hardware costs. The new system we are looking to move to can not only archive emails but can add (at an additional cost), social media, text messages, and instant messaging. By combining these options, this makes public records discovery less time consuming. The new systems yearly support costs are nearly half of the current system.</p>	
<p><b>Description of Alternatives:</b> The City can continue to utilize the current system at a higher annual cost.</p>	
<p><b>Description of Disposal, if Applicable:</b> Hard drives will be wiped, and the unit will be recycled.</p>	
<p><b>Impact on other Projects:</b> N/A</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The request is for <b>\$13,125</b> to cover the initial purchase.</p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) Annual support is \$3,125 for the new system, whereas the current system costs \$6,000. If we only use this for email archiving, a savings of \$2,875 per year will be realized. If we add social media archiving, we will save an additional \$2,400. At a minimum the City, will see a four-year return on investment (ROI) on this purchase.</p>	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<p><b>Department:</b> Central Services Building &amp; Facility Maintenance Division</p>	<p><b>Contact Person:</b> Richard Kulka</p>
<p><b>Request Title:</b> Police Station and Fire Station No. 3 Variable Frequency Drive (VFD) Replacements</p>	
<p><b>General Description:</b> The purpose of variable frequency drives (VFD's) in heating &amp; cooling systems is to slowdown or speed up electrical motors by varying the frequency and voltage of its power supply. In doing so, this saves money on a building's electric bill and allows for better control over a building's heating &amp; cooling systems. The Police Station has three VFD's that were installed in 2002 and at the end of their useful life. Fire Station No. 3 has two VFD's that were installed in 2000 and at the end of their useful life. This project would replace all five VFD's.</p>	
<p><b>Justification and Intent:</b> To maintain and replace heating &amp; cooling systems' equipment at their expected end of life to reduce the likelihood of catastrophic failures.</p>	
<p><b>Description of Alternatives:</b> N/A</p>	
<p><b>Description of Disposal, if Applicable:</b> N/A</p>	
<p><b>Impact on other Projects:</b> N/A</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The cost of this project is <b>\$100,000</b>.</p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) The new VFD's will continue to keep energy costs down.</p>	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<p><b>Department:</b>          Central Services          Building &amp; Facility Maintenance          Division</p>	<p><b>Contact Person:</b>          Richard Kulka</p>
<p><b>Request Title:</b>          Police Station Chiller Replacement</p>	
<p><b>General Description:</b>          The Oak Creek Police Department Station’s chiller (air conditioner) was installed in 2002 when the building was built. The unit is a Trane 175-ton air cooled chiller that currently has approximately 70,000 hours of run time on it and is starting to show its age. The unit utilizes R22 freon which is in process of being phased out because of its particularly harmful impact on the ozone layer when released into the air. Additionally, the unit’s main electrical contractors need to be rebuilt at a cost of \$12,000 for just parts, However, the rest of the unit is still over 20 years old.</p>	
<p><b>Justification and Intent:</b>          A new chiller will give you another 20+ years of service and minimizes the likelihood of critical failure.</p>	
<p><b>Description of Alternatives:</b>          N/A</p>	
<p><b>Description of Disposal, if Applicable:</b>          N/A</p>	
<p><b>Impact on other Projects:</b>          N/A</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here)          The quote to replace the Police Station’s chiller and control work is <b>\$150,000.00.</b></p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?)          A new chiller should use less electricity then the current unit.</p>	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<p><b>Department:</b> Central Services Building &amp; Facility Maintenance Division</p>	<p><b>Contact Person:</b> Richard Kulka</p>
<p><b>Request Title:</b> Civic Center Server Room UPS and A/C Unit Installation</p>	
<p><b>General Description:</b> This request is to install a UPS and dedicated A/C unit for the Civic Center server room.</p>	
<p><b>Justification and Intent:</b></p> <p>The Civic Center server room hosts all of the necessary infrastructure to run the City’s network. The server room currently does not have an uninterruptable power supply (UPS) to power the room in the event the generator does not start in time. Currently, the server room has several rack mounted UPSs that handle most of the server equipment in the room. However, those UPSs are aged at between eight to 15 years old and should be replaced soon as the average lifespan of these models are ten years. Additionally, these units are significantly undersized for the current infrastructure in place. Most units can only achieve a four-minute runtime, the best unit can only run for eight minutes. These UPSs also provide emergency power to the phone system and phones in the Civic Center. If power is lost to a server, significant corruption of data can occur which will lead to a restoral of the data from a backup. This would result in unnecessary downtime and potential data loss for the City. Newer model UPSs can be integrated to gracefully shutdown equipment after a certain amount of time if the generator cannot start.</p> <p>Additionally, cooling for the Civic Center server room is provided by one heat pump. Last year, the compressor failed in that unit, which caused the server room to overheat and threatened a shutdown of the City network. Temporary cooling was put in place but was not adequate to do the job. A dedicated A/C unit will ensure we do not experience this issue in the future.</p>	
<p><b>Description of Alternatives:</b></p> <p>The City can replace the rack mounted UPSs to right size them for current operations with 2 10kVa units for \$24,000 but would not feed the electrical panel for the room.</p> <p>The City can choose not to replace equipment and run the current equipment as is, but risks equipment failure and data loss on power outages.</p>	
<p><b>Description of Disposal, if Applicable:</b></p> <p>The old UPSs will be reused in other lower priority areas until they are budgeted to be replaced at which point, they will have their batteries removed and recycled.</p>	
<p><b>Impact on other Projects:</b> N/A</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The cost of this project is estimated at <b>\$63,000.</b></p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) A service contract for the UPS will be around \$2,800 yearly.</p>	





**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<p><b>Department:</b> Central Services Building &amp; Facility Maintenance Division</p>	<p><b>Contact Person:</b> Richard Kulka</p>
<p><b>Request Title:</b> Police Station Facility Analysis</p>	
<p><b>General Description:</b> The Oak Creek Police Department’s facility turned 20 years old in August of 2023 and is in need for major rehabilitation as many parts of the facility are near the end of their useful life. The facility’s building envelope has been found to be poorly insulated, which has caused the fire suppression system’s pipes to freeze and burst during extreme cold weather events. Additionally, the facility’s roof; HVAC equipment (boilers, chiller, pumps); exterior doors and windows; and building access control system all need to be evaluated to determine their useful life and develop a replacement schedule</p>	
<p><b>Justification and Intent:</b> The Police Department’s facility is 20 years old and needs major rehabilitation.</p>	
<p><b>Description of Alternatives:</b> N/A</p>	
<p><b>Description of Disposal, if Applicable:</b> N/A</p>	
<p><b>Impact on other Projects:</b> N/A</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) The cost of the Police Department Facility Analysis is <b>\$25,000</b>.</p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) The rehabilitation of the Police Department facility may result in operational savings in utilities.</p>	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Police Department	<b>Contact Person:</b> Chief David Stecker
<b>Request Title:</b> Body Armor Replacements	
<b>General Description:</b> Replacement of protective body armor for eighteen (18) sworn police employees	
<b>Justification and Intent:</b> Per the Oak Creek Professional Police Officers' Labor Agreement, Article 25(B), Clothing Allowance, the City shall provide for the replacement of body armor upon expiration of the manufacturer's 5-year warranty. In the year 2024, the 5-year manufacturer's warranty will expire on a total of fourteen (14), and we will need at least four (4) more vest for new hires, for a total of eighteen (18) body armor vests.	
<b>Description of Alternatives:</b> Alternatives for sworn officers are not an option as the City is obligated to comply with mandatory contractual language.	
<b>Description of Disposal, if Applicable:</b> Used/worn equipment is gathered, destroyed, and disposed for liability purposes.	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$18,000</b> (18 vests @ \$1,000 each) <b>Note:</b> there is a possibility the City will be able to offset this expenditure by approximately 50% if we are again successful in obtaining a federal grant for the vests as in past years.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) N/A	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Police Department	<b>Contact Person:</b> Chief David Stecker
<b>Request Title:</b> Taser Equipment	
<b>General Description:</b> Replacement items for yearly use and certification for taser devices.	
<b>Justification and Intent:</b> <p>Tasers are a control alternative the State of Wisconsin allows officers to use to overcome a subject’s passive resistance, active resistance, or their threats. The use of tasers is considered a ‘less-lethal’ option and allow for a safer way, for both the subject and involved officers, to take a combative subject into custody.</p> <p>Tasers have been in use in Oak Creek PD for over 20 years, and we have seen firsthand how successful these tools are in our daily work. Annually, we must purchase equipment to maintain the tasers for functionality and to complete required annual recertifications of each user (63 users).</p>	
<b>Description of Alternatives:</b> <p>Alternatively, we would need to have this funded in a budget line item as this is a requirement for officer certification and use. To safely perform their jobs, officers need to have these important tools available. Unfortunately, Axon’s costs have increased, and they are moving towards a ‘subscription’ style for purchasing tasers.</p>	
<b>Description of Disposal, if Applicable:</b> <p>Cartridges are disposed after each use and batteries are disposed per required recycling regulations when they are no longer usable.</p>	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$12,522.50 –</b> This includes 35 battery units @ \$96ea (\$3,360), 50 live cartridges @ \$41.65ea (\$2,082.50) and 200 training cartridges @ \$35.40ea (\$7,080).	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) This is a recurring operating cost that should be consistent for the next 4-5 years. The request accommodates some level of annual cost increase. Our current units need to be replaced at the end of this timeframe, at which time Axon has moved to a new ‘subscription’ way of purchasing and providing equipment for use and training over several years’ time.	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Emergency Dispatch (Police & IT Depts)	<b>Contact Person:</b> Chief David Stecker
<b>Request Title:</b> Next-Generation Phone/911 System	
<b>General Description:</b> Replacement of old technology and equipment to work with current cellular phone network for 911 callers	
<b>Justification and Intent:</b> <p>We are currently in year '7' of the 5-7 year window that our current 911 phone system was meant to be serviceable. Our current 911 phone system is considered an 'enhanced system'. Essentially, it is an upgraded version of the original 911 system put in place in the 1980's, which was only designed for landline phones. Since the invention of cellular phones, the system was 'enhanced' to allow cellular phones to call 911. Our current 'enhanced' phone system triangulates coordinates to give us a rough idea of where the caller is, or it will only indicate the cellular tower the phone is connected to. This triangulation system is far less accurate than a typical application on a cell phone (such as Uber). The new Next-Gen 911 system will show the emergency dispatcher exactly where someone is, ensuring we get them the help they need much quicker, and saving lives in the process.</p> <p>AT&amp;T was contracted through the State to install and maintain a "next Generation IP Call-Routing" service system through what they have named 'ESInet' (Emergency Service IP Network). Due to its age, our current 911 phone system is not able to connect to this ESInet. We are currently working with AT&amp;T to get the ESInet connection to our Dispatch Center (PSAP) and be ready to activate it in conjunction with a new Next-Gen 911 phone system that will connect to this new 911 network. Our goal for this is March 2024.</p> <p>We need to update our phone system as it is at its end-of-life. Doing so with a 'Next-Gen 911' system is the only logical move and will help us provide a better level of service and response to our citizens.</p>	
<b>Description of Alternatives:</b> <p>Alternatively, there are other 911 phone system options that cost more and/or would require us to house our own physical equipment and maintain the hardware/software.</p> <p>A secondary alternative IT is working on is a combined/shared service of this physical equipment with both Greenfield and Wauwatosa. Oak Creek's anticipated cost would be less than the overall cost of the proposed version of 5 years (less than ~\$400,000). Furthermore, it may qualify as a shared service and fit some categories that would allow for some State funding under the new revenue sharing plan in WI Act 12. It would also give us the ability to fail-over both virtually and physically to either Greenfield or Wauwatosa if we had catastrophic damage to our building(s) here in Oak Creek, and vice versa.</p>	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

**Description of Disposal, if Applicable:**

Current server equipment will be reassigned if IT has a use for it within the City. If not, it will be properly disposed of.

**Impact on other Projects:**

N/A

**Cost Analysis:** (Quotes, estimates, breakdown of potential cost and how you arrived here)

**Total Cost: \$414,000 over 5 years (\$82,800/year) -**

This includes a cloud hosted Viper 911 system, a monthly 'per position' fee (6 positions), and all maintenance, updates, and software is included in this. With the system being cloud-based any service needs or software updates would be the sole responsibility of AT&T. This would save our IT Department the time and responsibility of having to do it themselves. There is no required equipment the City would have to physically house.

**Annual Impact on Operating Budget:** (Will we have an additional reoccurring operating cost?)

\$3,250 for a one-time set-up cost and then \$325/monthly - billed to the dispatch phone budget.



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<b>Department:</b> Police/Fire/IT Department	<b>Contact Person:</b> Chief David Stecker
<b>Request Title:</b> Drone, drone equipment, FAA licensing, and lifetime training	
<b>General Description:</b> Drone, drone equipment, FAA licensing, and lifetime training to create a drone unit	
<b>Justification and Intent:</b> <p>The City PD and FD have requested mutual aid from our neighbors to utilize their drones on our incidents. Drones are a quick and safe way to search areas that otherwise are difficult or pose a higher danger when searching for criminals, missing children, or endangered adults. They also allow the PD and FD to get a better view of a scene and capture video evidence on incidents in a much safer and quicker way. The PD has had success in finding missing people when using other agencies' drones.</p> <p>The IT Department is involved as they may need to assist both the PD and FD with technical items. Additionally, the IT Department will be able to use a drone to look at IT-related equipment on top of City buildings to trouble shoot issues, which is a much safer alternative to putting a person on a ladder unless absolutely needed for repair or further inspection.</p> <p>The drones would be housed at the PD for any deployment, but the FD and IT Department would have access to them 24/7. As most incidents unfold, the PD and FD are typically both involved already making this team deployment even easier.</p> <p>We would intend to have 6-7 "pilots" at the PD, 5-6 "pilots" at the FD, and 2 "pilots" at the IT Department. Included in this request is the FAA training, which everyone can share, and the cost of FAA licensing for each "pilot."</p> <p>Furthermore, we have been collaborating with CVMIC and other departments who are covered by CVMIC. We have a draft policy that is ready to be deployed, as well as confirmation from both CVMIC and MPIC that the drone would not create the need for any more insurance coverage as the unit is under their threshold.</p>	
<b>Description of Alternatives:</b> <p>Alternatively, we can continue to work with our neighbors. However, this is time-consuming and delays our departments getting limited personnel back into service. Our time is important, and having our own drones pays for itself in lost time waiting on other jurisdictions to respond, if they are even available. It also allows for us to cover a larger area quicker and/or to get resources to the correct location sooner. Having our own unit also does not tie up other agencies' resources, as we have used their drones on mutual aid frequently.</p>	
<b>Description of Disposal, if Applicable:</b> N/A	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$18,180</b> –This includes 2 drone kits/bundles with thermal capabilities @ \$6,999.00ea (\$13,998.00), 2 camera/WIFI kits @ \$699.00ea (\$1,398.00), FAA Drone school with lifetime access 1 @ \$159.00ea (\$159.00), and 15 FAA tests (split between PD, FD, and IT) @ \$175.00ea (\$2,625.00).	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) N/A verify ongoing operational costs with IT.	

## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<b>Department:</b> Public Works	<b>Contact Person:</b> Matt Trebatoski
<b>Request Title:</b> Front-End Loader Replacement	
<b>General Description:</b> Replace existing undersized 521 front-end loader with more heavy-duty 721 loader with plow wing.	
<b>Justification and Intent:</b> Upgraded equipment will allow us to utilize this unit in the winter for snow plowing and removal operations, especially on roundabout, DTS, and cul-de-sacs. The weight of the machine and increased horsepower will allow us to push and move snow more effectively. The larger bucket capacity will improve the ability to lift heavier and larger quantities of materials and/or objects, making it more efficient.	
<b>Description of Alternatives:</b> Retain existing small loader as backup to other heavy-duty loader for limited operations. Or, investigate possibility of a lease to own option, which would lower initial up-front cost, but extend the payments over multiple budget years.	
<b>Description of Disposal, if Applicable:</b> Trade-in existing smaller unit or sell on municipal auction. The current loader is a 2014 model, which should yield a decent price. Given recent auction sales of similar equipment, we could expect to receive around \$100,000+/-.	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$316,000</b>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) General equipment repair and maintenance. Will be less due to new equipment.	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<b>Department:</b> Public Works	<b>Contact Person:</b> Matt Trebatoski
<b>Request Title:</b> Patch Truck Replacement	
<b>General Description:</b> Replace 1999 Patch Truck with Hot Pack Slide-in Unit, Mini Paver, and Dump Truck Tarp System.	
<b>Justification and Intent:</b> <p>New equipment will allow us to eliminate a truck from the overall fleet, utilize a dump/plow truck in the non-winter months, and save a lot of money not purchasing a new truck.</p> <p>The slide in unit will be mounted in a mini-dump truck for pothole repairs, and the mini paver will be attached to an existing skid steer and be used to perform general roadway and end of driveway patching work following culvert installations.</p> <p>The paving unit will save time and result in a better finished surface. It can also be used for road shouldering and pathway paving. Material will be delivered to and loaded into the paver using an existing dump truck with tarp system.</p>	
<b>Description of Alternatives:</b> Retain existing 25-year-old patch truck for pothole and patch repairs. This is a slower method, and the truck will still need to be replaced at some point in the near future to avoid costly repairs.	
<b>Description of Disposal, if Applicable:</b> We will look to sell the old patch truck on municipal auction. It is still functionable and should at least bring a modest sale price.	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$103,000</b>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) General equipment repair and maintenance. Will be less due to new equipment.	





## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<b>Department:</b>	<b>Contact Person:</b>
Civic Center & Public Works	Matt Trebatoski
<b>Request Title:</b>	
Continuation of Small Truck and SUV Leasing Program	
<b>General Description:</b>	
Year five of a multi-year leasing program designed to replace smaller trucks and other municipal vehicles.	
<b>Justification and Intent:</b>	
This program has included 30 vehicles in the Public Works fleet, including our pickup trucks and stake bed trucks. In 2023, we were able to add two additional vehicles to Engineering – Inspections Division, utilizing accrued equity. We intend to procure five more vehicles with program equity sometime at the end of 2023 or beginning of 2024. These small-size SUVs will be added for Engineering and/or other Civic Center staff use. As of June 2023, the City has spent a total of \$691,469 on the program over a four-year period.	
<b>Description of Alternatives:</b>	
Return to purchasing vehicles as financing allows. May result in a deteriorated fleet with higher maintenance costs, lower safety, and a decline in employee morale.	
<b>Description of Disposal, if Applicable:</b>	
Leased vehicles are returned to Enterprise for resale. Proceeds are reinvested back into the program.	
<b>Impact on other Projects:</b>	
N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here)	
<b>Total Cost: \$200,000</b>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?)	
Vehicle maintenance is covered through the lease program.	

Stake Bed Truck



Pickup Truck



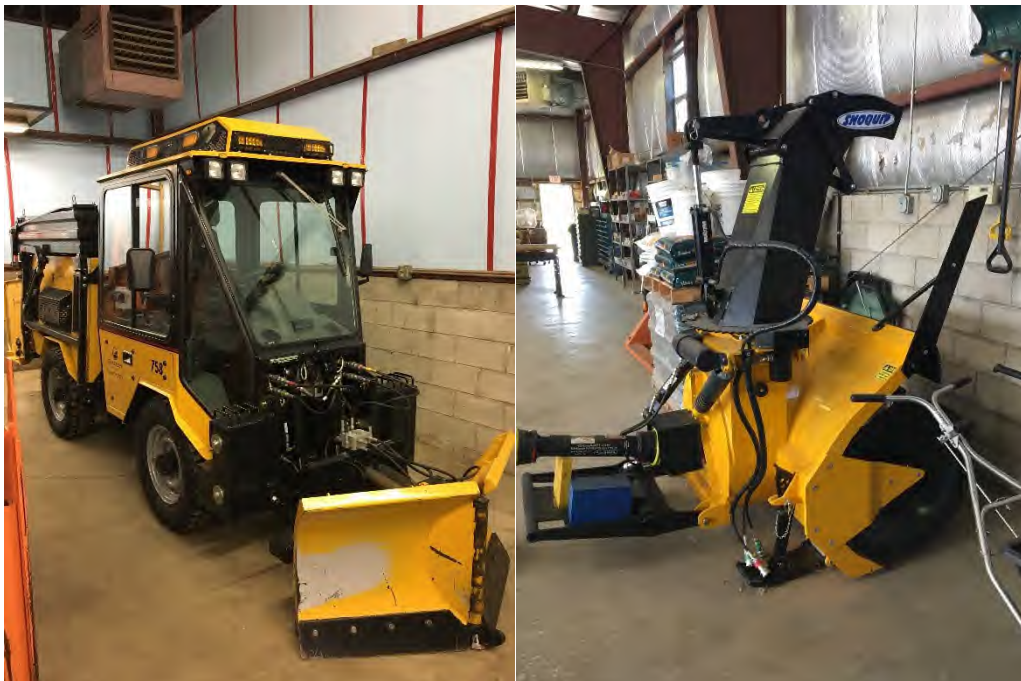
## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<b>Department:</b> Public Works	<b>Contact Person:</b> Matt Trebatoski
<b>Request Title:</b> John Deere Boom Mower Municipal Lease	
<b>General Description:</b> Municipal leasing terms for the John Deere boom mower purchased in 2021.	
<b>Justification and Intent:</b> The decision was made to select the municipal leasing option for this tractor to stretch buying power of the City capital equipment budget. Terms for the tractor which cost \$185,876.88, consist of an annual payment of \$29,174.76 for 7 years ending 1/15/2028, with a final payment of \$1.00.	
<b>Description of Alternatives:</b> Payoff remainder of municipal lease \$116,699.04 or turn tractor in and lose equipment and equity.	
<b>Description of Disposal, if Applicable:</b> N/A	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$29,175</b>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) \$29,175 impact on annual capital budget for next four years. Preventative and general maintenance costs.	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<b>Department:</b> Public Works	<b>Contact Person:</b> Matt Trebatoski
<b>Request Title:</b> Trackless Tractor Municipal Lease	
<b>General Description:</b> Municipal leasing terms for the trackless tractor purchased in 2021.	
<b>Justification and Intent:</b> The decision was made to select the municipal leasing option for this tractor to stretch financial capacity of our City capital equipment budget. Terms for the tractor which cost \$170,708.00, consist of an annual payment of \$24,181.84 for 8 years ending 1/15/2029 with a final payment of \$1.00.	
<b>Description of Alternatives:</b> Payoff remainder of municipal lease \$120,909.20 or turn tractor in and lose equipment and equity.	
<b>Description of Disposal, if Applicable:</b> N/A	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$24,182</b>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) \$24,182 impact on annual capital budget for the next five years. Preventative and general maintenance costs.	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<b>Department:</b> Public Works	<b>Contact Person:</b> Matt Trebatoski
<b>Request Title:</b> Streetlight and Traffic Signal Maintenance Program	
<b>General Description:</b> This fund is for repair and replacement of street lights and traffic signals.	
<b>Justification and Intent:</b> The City continues to add to our street light and signal infrastructure. These new additions will require maintenance and repair. Besides the additions, this will help with LED replacements for our aged and/or damaged infrastructure. We are looking to increase the funding from \$80,000 to \$100,000 for the next five years to augment our LED replacement program (See Engineering CIP/CEP Request for LED Conversion Plan).	
<b>Description of Alternatives:</b> The City could continue with the lower \$80,000 funding amount which would jeopardize the incremental LED conversion strategy.	
<b>Description of Disposal, if Applicable:</b> Eligible material is re-used or scrapped for revenue.	
<b>Impact on other Projects:</b> Incremental progress made on Strategic Action Plan item to convert all city-owned fixtures to LED.	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$100,000</b>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) Reduction in annual electric cost to operate streetlights and traffic signals.	





**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Public Works	<b>Contact Person:</b> Matt Trebatoski / Jeff Wendt
<b>Request Title:</b> Recreational path in Johnstone Park	
<b>General Description:</b> Reconstruct the asphalt recreational trail in Johnstone Park.	
<b>Justification and Intent:</b> Asphalt path is 27 years old and in poor condition due in large part to poor drainage conditions. Water drains onto the paths in areas from runoff from nearby streets, parking lot, and the open parkland when saturated. The path is underwater in spots at certain times and is unsafe to walk on in the winter with the icing that occurs.	
<b>Description of Alternatives:</b> Leave as is with water/icing concerns.	
<b>Description of Disposal, if Applicable:</b> N/A	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$75,000</b>	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) Reconstruction will save labor costs of trying to temporarily fix issues.	



**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

<b>Department:</b> Public Works	<b>Contact Person:</b> Matt Trebatoski / Jeff Wendt
<b>Request Title:</b> Tennis and Basketball Courts Reconstruction in Chapel Hills Park	
<b>General Description:</b> Reconstruct the 20-year-old tennis courts to 1 tennis court and 2 pickleball courts and replace the 10' perimeter fence with 8' fencing. Reconstruct the 20-year-old basketball court to include new acrylic basketball backboards.	
<b>Justification and Intent:</b> Both courts are faded and have expansion cracks that have formed which are typical of courts this age. The fencing around the tennis courts have heaved 6"-8" around half the courts allowing the balls to roll under and out of the court during use. There has been high demand from the public for more pickleball courts to be added to the City and this is an opportune time to adapt to that ever-growing interest.	
<b>Description of Alternatives:</b> Keep crack filling existing cracks as needed, and repaint surfaces as needed along with fence repair. Eventually, this will catch up with us with the need to repair and replace other courts located throughout the city.	
<b>Description of Disposal, if Applicable:</b> Contractor will dispose of old material.	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$180,000</b> - Quote obtained from Munson Inc.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) Reconstruction will decrease operating maintenance costs for several years.	



## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<b>Department:</b> Public Works	<b>Contact Person:</b> Matt Trebatoski
<b>Request Title:</b> Restoration and Preservation of Log Cabin at museum	
<b>General Description:</b> Clean and treat existing logs, chink, and seal joints, and remove and replace rotten logs from log cabin at Historical Society property to restore and preserve this historically significant City-owned asset.	
<b>Justification and Intent:</b> <p>The Log cabin was built in the 1840's by Irish immigrants Thomas and Bridget Hughes. It was originally on the east end of Ryan Road, where Bender Park is now located. The building was donated to the Historical Society when Milwaukee County bought the land. The building is one of the oldest in existence in Milwaukee County. It is a great representation of an early Oak Creek pioneer home. The building was moved to the City museum site in 1978. Its significance to the City/area, residents, and visitors is in its value as a tool to help explain what life was like for Oak Creek's pioneer residents.</p> <p>The only requirement from Milwaukee County when the Historical Society took ownership of the cabin was that it be moved off the property that eventually became part of Bender Park. The only document the Society has about the transfer is a Letter from Milwaukee County dated September 6, 1976, stating that the Park Commission approved our request for the vacant log building. There are no deed covenants or restrictions. The entire museum is designated a Milwaukee County Landmark.</p> <p>The City owns the property and owns the improvements on the property including all the buildings. The contents of the buildings were donated to and are owned by the Historical Society. Donors sign a Deed of Gift to transfer ownership. Over the last 10+ years the Historical Society has done multiple repairs and maintenance on the building such as painting, log replacement, and weather proofing. Their members have also invested countless hours of time caring for and overseeing the buildings and grounds at the museum.</p> <p>The museum is open for tours on Sundays from 1 p.m. to 4 p.m., in June, July, and August. Total annual attendance for those sessions is 200 to 300 visitors. The Society conducts historical presentations at the museum during the summer. Attendance at these events varies from 20 to 80 people per presentation. The Historical Society also hosts a Halloween Safe Site at the museum each year. Attendance is over 500 trick-or-treaters and parents.</p> <p>Other events and uses of the museum property include school tours in the fall for 60 to 80 students, Sneak Peek at Oak Creek, and photographers use the museum as a background for special event photos such as graduation and prom.</p>	

**2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)**

The cabin has reached the point where significant repair is needed to preserve it. Restoration would be prudent action now to save area's history for future generations.

The Historical Society contacted 20 potential contractors to perform the restoration work and received three responses. Given the three estimates, the cost would be approximately \$60,000.

**Description of Alternatives:**

The City could let the cabin continue to deteriorate over time, ultimately leading to demolition. We could also possibly seek out and gauge the interest from other museums or societies to deed the cabin to, however given its current condition that might not be a viable option.

**Description of Disposal, if Applicable:**

The contractor would remove and dispose of any unsalvageable logs and materials.

**Impact on other Projects:**

N/A

**Cost Analysis:** (Quotes, estimates, breakdown of potential cost and how you arrived here)

Approximately \$60,000 based on time and materials.

**Annual Impact on Operating Budget:** (Will we have an additional reoccurring operating cost?)

Given the age of the cabin and all other structures, it is safe to assume there will be future need to preserve these assets.





## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<p><b>Department:</b> Public Works</p>	<p><b>Contact Person:</b> Matt Trebatoski</p>
<p><b>Request Title:</b> Annual Sidewalk and Trail Improvements Program</p>	
<p><b>General Description:</b> Public Works would work with Engineering to compile a set of plans and bid documents on an annual to triennial basis, based on Council’s new and reconstruction sidewalk and trail selections, to be publicly advertised and bid for low bidder construction.</p>	
<p><b>Justification and Intent:</b> This program is for the new and reconstruction or rehabilitation of sidewalks and trails that can no longer be adequately preserved through normal maintenance practices such as grinding, minimal segment replacement, or sealcoating. Funds would be set aside every year for the 1-3 year design/construction cycle.  This program is being recommended in response to the current aging infrastructure and numerous citizen requests for replacement and addition of sidewalks and trails within the community. It is also in line with the City’s 2023-2027 Strategic Action Plan to: “Determine a long-term funding policy and identify a plan to fill-in existing connection gaps and otherwise expand our sidewalk and trail network.”  The program would put the financial responsibility of sidewalk replacement on the City and not the resident, which is not completely the case under existing ordinance (attached). However, past practice has not necessarily followed this process, with the City covering the cost under most circumstances.  Special assessments require public notice and public hearing before the elected body and are often quite personal and contentious. The majority of citizens believe the cost for replacement should be borne by the City and paid for through their property taxes, similar to streets.</p>	
<p><b>Description of Alternatives:</b> Deferred maintenance would be more costly. Staff recommends treating trails and grinding or replacing small segments of sidewalks when they are still in better shape to slow their deterioration, thus extending their useful life and keep them maintained at a higher rating for a longer period.</p>	
<p><b>Description of Disposal, if Applicable:</b> N/A</p>	
<p><b>Impact on other Projects:</b> Replacement of sidewalk and sealing or repaving trails will improve the safety and reliability of the City’s walking and non-motorized vehicle traffic network and reduce the City’s liability risk.</p>	
<p><b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) It is recommended <b>\$60,000</b> be budgeted each year.</p>	
<p><b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) The new program will result in lower maintenance needs and emergency repairs and reduce the City’s exposure to trips/falls liability claims.</p>	

## 2024 CAPITAL IMPROVEMENT/EQUIPMENT PROGRAM (CIP/CEP)

<b>Department:</b> Public Works	<b>Contact Person:</b> Matt Trebatoski
<b>Request Title:</b> Street Tree Replacement Program	
<b>General Description:</b> This fund is used to plant trees in various locations where prior trees have been taken down or where new trees are needed.	
<b>Justification and Intent:</b> The intent of this program is to continue to beautify the City and maintain a valuable urban canopy as we remove trees affected by emerald ash borer, other pests/diseases, storm damage, age, etc.	
<b>Description of Alternatives:</b> Not replacing trees as they are removed.	
<b>Description of Disposal, if Applicable:</b> Downed trees are cut up, ground up, and/or chipped and used for firewood and mulch for residents.	
<b>Impact on other Projects:</b> N/A	
<b>Cost Analysis:</b> (Quotes, estimates, breakdown of potential cost and how you arrived here) <b>Total Cost: \$20,000</b> in tree costs is the result of diameter and species of trees being replaced. This item will be used to receive a variety of trees to enhance the City's canopy.	
<b>Annual Impact on Operating Budget:</b> (Will we have an additional reoccurring operating cost?) Minimal, through the continuance of general forestry maintenance.	



**ADMINISTRATIVE OPERATIONS**  
**August 2023**

**Workload:**

Other administrative tasks included the following:

- Added 11 customer accounts for the month.
- Billed 3,358 water customers and 3,473 sewer customers.

**Gallons Billed (in thousands):**

	YTD 2023	YTD 2022	YTD 2021	YTD 2020	YTD 2019	Average
Residential	265,194	251,395	268,439	259,647	243,270	257,589
Commercial	336,313	320,189	315,922	299,237	295,099	313,352
Industrial	434,427	398,818	355,425	314,706	346,504	369,976
Public Authority	14,105	12,387	8,804	7,495	8,912	10,341
Wholesale	876,584	796,273	814,398	787,007	736,756	802,204
Total	1,926,623	1,779,062	1,762,988	1,668,092	1,630,541	1,753,462
% Change to Prior Year	8.3%	0.9%	5.7%	2.3%	N/A	
% Change to Average	9.9%	1.5%	0.5%	-4.9%	-7.0%	

**New Customers:**

	YTD 2022	YTD 2022	YTD 2021	YTD 2020	YTD 2019	Average
Residential	44	19	50	40	13	33.2
Commercial	10	12	13	15	9	11.8
Industrial	0	0	0	0	0	-
Public Authority	0	0	3	3	0	1.2
Wholesale	0	0	0	0	0	-
Total	54	31	66	58	22	46.2

# **ENGINEERING OPERATIONS**

**August 2023**

## **HVAC replacement at WTP**

Engineering met with Clark Dietz to discuss the design changes required with the incorporation of the boiler controls and several of the thermostats not functioning properly. It is anticipated that this project will require PSC approval.

## **S. Howell Avenue Water Relay**

A.W. Oakes has completed all the installation of the main and services for the project. There still are some abandonments that need to be completed. Oakes is waiting on parts to be delivered to replace the hydrant stem with the required stainless-steel stem. The parts should be on site in September. The traffic control has been pulled behind the curb and the road is open to traffic.

## **E. Susan Drive Water Relay**

Globe Contractors has completed the water main installation on Susan Drive. The restoration was completed, and the stainless-steel hydrant extensions swapped out by the manufacturer. The pavement restoration was completed with the annual paving project by the city.

## **S. 13<sup>th</sup> Street Hydrant Relocation**

raSmith received the new design from Milwaukee County and revised the plans for the 13<sup>th</sup> Street project. The plans have been completed and submitted to DNR for permitting. The project will be bid in September.

## **Underground Facilities Rehabilitation**

Engineering met with CDM Smith to work on the water demand study for the Underground Facilities project. They will update the last study that was completed in 2015 and project the demands that will be needed to 2060. This data will be used for the sizing of equipment in the proposed project. We also met with Jacobs on site to look at possible alternatives for design.

## **Sanitary Rehabilitation Project**

Globe started work on the spot repairs on S. 6<sup>th</sup> Street. They completed the repair and pulled off site. They will be back in September to finish the remaining abandonments. Visu-Sewer will be on site in October to line the mains.

## **E. Forest Hill Ave Water Relay**

UPI current schedule is to mobilize on September 8 and begin saw cutting on the project. They anticipate a 2-week project duration. E. Forest Hill Avenue will be closed heading east. There will be no access from Howell Avenue to Forest Hill. The road will be a one way west bound from Verdev to Howell.

## **Developer projects**

- Broadacre - water and sanitary construction complete and punch list items remain.
- Oaks at 8100 - water and sanitary construction complete and punch list items remain.
- Creek Two - plans were submitted and reviewed.
- Hey Day - utility construction expected to begin in September.
- Royal Estates Condos - plans were reviewed.
- Stonebrook - water has been approved by DNR and sanitary to be submitted to MMSD in August.
- Almeg Subdivision - plans were reviewed.
- Edgemont Estates - plans were reviewed.
- The Learning Experience - plans were reviewed and submitted to MMSD and DNR.
- MATC - plans were reviewed and submitted to DNR.

## **DISTRIBUTION & COLLECTION OPERATIONS**

**August 2023**

### **Water Main Breaks:**

On August 1<sup>st</sup>, there was a break on the 8" ductile iron at 7411 S. 10<sup>th</sup> St. The small hole was fixed with a repair clamp.

### **Water Lateral Repairs:**

There were no water lateral repairs in the month of August.

### **Hydrant Repairs/Maintenance:**

Several hydrants were fixed that were found broken during annual flushing.

A hydrant on 10<sup>th</sup> and Drexel was hit and broken as a result of the Drexel Ave. road repair.

### **Valve Repairs:**

There were no valve repairs in the month of August.

### **Sewer Repairs/Maintenance:**

Sewer cleaning and televising continued.

### **Miscellaneous:**

Senior Utility Service Worker Price retired on August 4<sup>th</sup>. Utility Service Worker Struebing has been promoted to Senior Utility Service Worker. A job posting is active to hire a Utility Service Worker.

Most restoration of asphalt, concrete and landscaping has been completed.

Work has continued in making repairs and adjustments in front of the city road projects.

All the seasonal helpers for headquarters have returned to school.

### **Out of Service:**

There is currently one fire hydrant out of service in need of repair. There are currently 36 valves jammed open in need of repair.

## DISTRIBUTION GOALS 2023

JOB DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS	GOALS
<b>Meters</b>														
Meter Exchanges	47	57	21	4	2	2	3	214					350	600
Cross Connection Inspections	6	9	12	6	7	7	13	218					278	300
Industrial Inspections	40	16	22	19	21	47	84	75					324	375
<b>Water</b>														
Annual Hydrant Flushing	-	-	-	331	380	53	1,282	1					3,047	2,355
Semi-annual Flushing	-	-	-	18	20	6	59	-					103	2x109 (318)
Quarterly Flushing	29	-	21	5	10	10	38	-					113	4x50 (200)
Flush Emergency Connections	-	-	-	3	-	-	-	-					3	5
Watermain Crossings	36	36	-	-	-	-	-	-					72	60
Operate Valves	-	-	-	-	-	165	473	167					805	1,000
Hydrant Painting	-	-	-	-	19	158	-	57					234	150
Cathodic Protection Tests	-	-	-	-	-	-	-	-					-	11
Check Remote Water Mains	-	-	-	-	-	-	-	-					-	40
<b>Sewer</b>														
Clean Sewers	-	393	15,270	10,562	21,138	22,547	20,128	29,574					119,612	165,000
Camera Sewers	11,217	20,248	18,703	14,675	20,716	19,677	11,060	9,714					126,010	165,000
Check Problem Sewers	99	5	57	47	-	91	17	-					316	309
Check Remote Sewer Mains	-	-	-	-	-	-	-	-					-	51
<b>Admin</b>														
Tier II Report	Done													
MMISD Annual O&M Report						Done								
DNR eCMAR						Done								
DNR River Crossing Stations										Due				
Cross Connection Survey		Done												

## PLANT OPERATIONS

August 2023

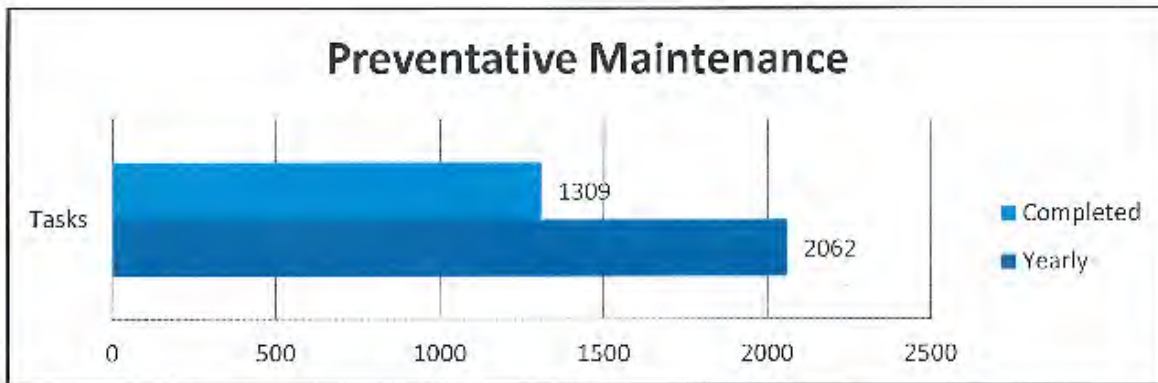
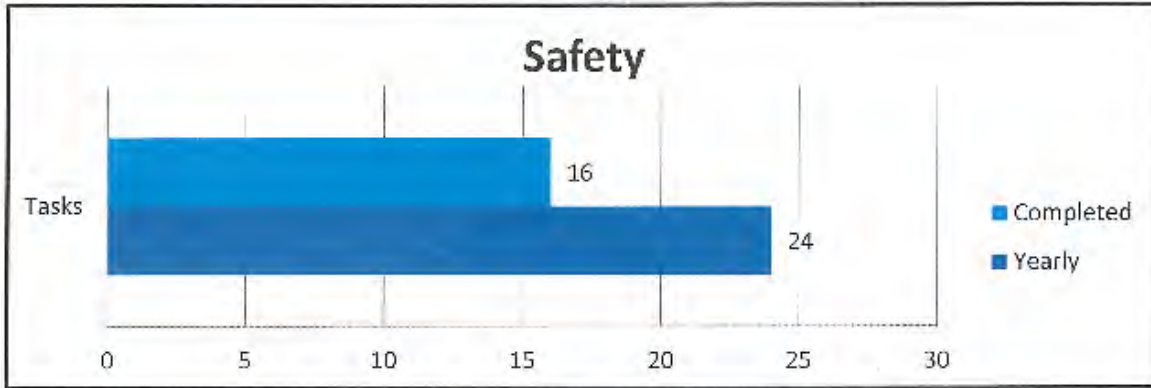
<b>PUMPAGE REPORT</b>	<b>2023</b>	<b>2022</b>	<b>% Change</b>	<b>5 Year %</b>
Monthly Pumpage	312,110,000	304,450,000	+2.5	+7.4
Monthly Average Day	10,068,065	9,820,968	+2.5	+7.4
Monthly Peak Day	(08/23)12,500,000	(08/06)13,400,000	-6.7	+9.3
Yearly Pumpage	2,168,609,984	2,041,810,000	+6.2	+11.0
Yearly Average Day	8,924,321	8,402,407	+6.2	+11.3
Yearly Peak Day	(5/31)13,860,000	(08/06)13,400,000	+3.4	+9.7
West Zone Pumpage	141,300,000	137,440,000	+2.8	+9.0
West Zone Yearly Total	959,650,000	877,500,000	+9.4	+9.9

<b>WATER QUALITY REPORT</b>	<b>Raw Water</b>	<b>Finished Water</b>
Average Free Chlorine		1.55 mg/l
Total Chlorine		1.74mg/l
Average Alkalinity	108.2 mg/l	108.8 mg/l
Average pH	8.38	8.27
Average Fluoride	0.14 mg/l	0.54 mg/l
Average Turbidity	2.31 NTU	0.047 NTU
High Temperature	<b>High 73.1 F Low 59.2 F</b>	
Hardness	120 mg/l	137 mg/l

**Preventative Maintenance Tasks:** Staff completed 154 preventative maintenance tasks and 2 safety sessions during the month.

**Work Orders:** Staff completed 11 work orders. Some of the tasks include concrete repairs, replacing flow control valves on high lift pumps 7 and 8, cleaning and inspection of the fluoride day tank, and repairing roof leaks.

**Plants:** Lead and copper sampling was completed in August with no samples testing over the action limit. Waukesha Engine Historical Society has picked up the decommissioned engine from the plant. This engine will be displayed at their museum. The Plant raw water meter was installed on August 28<sup>th</sup>. Plant operators have been running the plant manually with a signal generator since December 2022, and did an excellent job. The new chemical feed pump trial is complete and two new pumps will be installed in September.





## ENGINEERING/INSPECTION -MATTHEW J. SULLIVAN

- Developer Project Updates:
  - Lakeshore Commons continues with Single Family, Multi-Family and Townhome construction. The two townhome buildings (4136 & 4199 Hemlock) occupancies have been approved. The final stage of construction of the public roadways will begin in September with anticipated completion to be in October. Construction on the North Townhomes and the Clubhouse has begun;
  - The Oaks at 8100 (Multi-Family Development on S. 27<sup>th</sup> Street) continues to progress with vertical construction on several buildings. Four multifamily buildings remain under construction with occupancies anticipated to start later this summer into early fall. The final stage of construction of the public roadways will begin in September with anticipated completion to be in October;
  - Broadacre development (441 W. Ryan Road) continues to progress with vertical construction. Occupancy of the clubhouse and the northern most building is anticipated for September. The cul-de-sac on Eagle Summit Drive has been substantially completed with the final asphalt schedule for later this fall;
  - The Avid Hotel (9293 S. 13<sup>th</sup> Street) completed utilities, continues to vertical construction with all four floors have rough framing complete and the roofing system being installed;
  - Construction on the spec building at 7350 S. 13<sup>th</sup> Street (Briohn Co.) continues with installation of the concrete panel walls;
  - Heyday Development (Puetz Road) was approved and construction of the utilities and grading of site, including clearing and grubbing, has begun.
- Design/Construction Updates:
  - Engineering had begun the process to address odor complaints that originate from PPG;
  - Bluff stabilization/revetment continues to progress, No work within the water will take place in the months of August and September. Removal of old pump house and continuation of constructing the revetment (building areas out of water up to finish stone grades) over the next two months;
  - Demolition of the Peter Cooper Vat House began in August with the main structure starting to be disassembled. It is anticipated that the demolition of the main building will be completed in September;
  - The 2023 Paving Project continues to progress with anticipated substantial completion in September;
  - The Safe Routes to School project (TAP project) is completed with only punch list items remaining;

- S. 13<sup>th</sup> Street Sidewalk project began in August and will be completed in September. This will complete the gap along S. 13<sup>th</sup> Street from Drexel Avenue about 1,300 feet to the north along the west side;
- Engineering staff continues to work on numerous design projects (Abendschein Park Entrance and Parking Lot Improvement, PPII – Rowen Estates, Fire Station #3 Parking Lot, and Police Station Parking Lot).
- Inspection Updates:
  - Inspection Department staff continue to review building permits and perform inspections for several developments and residential, industrial, and commercial alterations as development of the City steadily continues;
  - The Inspection Department has worked with IT to review electronic plan review software and will be demo E-Plan review software in September. This software is compatible with the current permit software BS&A.
- Employment Opportunities:
  - The Civil Engineer - Storm Water (Environmental Design Engineer) position remains open. raSmith is under contract for the remainder of 2023 with an option to extend for one year, they will assist Engineering for storm water components within the City;
  - Both Engineering Senior Technician positions remain vacant. M Squared Engineering Services and raSmith are assisting Engineering for the remainder of 2023 and all of 2024 to perform construction inspections.

## PUBLIC WORKS – Matt Trebatoski

- In September our parks crews will be setting up soccer and football fields at Kickers Creek. They will also be busy re-roofing the Oak Leaf Park shelter, painting parking lot lines for Lions Fest, and inspecting play structures;
- The sign shop crew will be setting up for Farmers Markets, the CAFE event, and Food Truck Tour. They will also be repairing and staining damaged seating benches at DTS, installing fall banners, shutting down and winterizing the splash pad, and replacing damaged and/or faded street signs;
- The streets crews will hopefully begin replacing sections of sidewalk from an extensive list of locations reported by residents. They will also be finishing up streets crack sealing work from the PASER list, Safer Routes to School crosswalk and curb improvements, and road striping;
- The ditching crew will continue installing culverts for residents, upon request, and performing ditch cleaning maintenance in problem areas;

- Forestry crews will be wrapping up ash tree treatments, and removals and cleanup of trees and brush in Lake Vista. They will also be performing pruning, young tree maintenance, stump grinding, and landscaping and flower bed maintenance in DTS and roadway medians.



2024 Capital Improvement Program (CIP) - Projects by Department and Funding Source

Table with columns: Department, Project Title, Prior Years, We Energies (\$1M), Utility Aid Payment, Storm Water Fund, Park Impact Fees, Police Impact Fees, Equipment Replacement Fund, Building Reserve Fund, Bridge Replacement Fund, American Rescue Plan Grant, TID 11, TID 13, Total City Funds, Non-City Funding Sources, Total Project. Rows include Community Development, Engineering, Fire, Information Technology, Maintenance, Police, and Public Works / Streets.



**2024 Capital Improvement Program (CIP) - Projects by Department and Funding Source**

Department	Project Title	Prior Years	We Energies (\$1M)	Utility Aid Payment	Storm Water Fund	Park Impact Fees	Police Impact Fees	Equipment Replacement Fund	Building Reserve Fund	Bridge Replacement Fund	American Rescue Plan Grant	TID 11	TID 13	Total City Funds	Non-City Funding Sources	Total Project
Public Works / St. Lighting	Street Light and Traffic Signal Maintenance	-	100,000	-	-	-	-	-	-	-	-	-	-	100,000	-	100,000
Public Works / Parks	Johnstone Park Pathway Reconstruction	-	-	-	-	75,000	-	-	-	-	-	-	-	75,000	-	75,000
Public Works / Parks	Chapel Hills Park Rehabilitation (Tennis / Pickleball / Basketball Courts)	-	-	-	-	180,000	-	-	-	-	-	-	-	180,000	-	180,000
Public Works / Parks	Log Cabin Restoration and Preservation	-	60,000	-	-	-	-	-	-	-	-	-	-	60,000	-	60,000
<b>Public Works / Parks - Subtotal</b>		\$ -	\$ 60,000	\$ -	\$ -	\$ 255,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 315,000	\$ -	\$ 315,000
Public Works / Forestry	Street Tree Replacement	-	20,000	-	-	-	-	-	-	-	-	-	-	20,000	-	20,000
<b>Total 2024 CIP by Funding Source</b>			\$ 999,160	\$ 1,061,180	\$ 225,000	\$ 285,000	\$ 25,000	\$ 532,000	\$ 360,000	\$ 360,000	\$ 57,000	\$ 50,000	\$ 2,365,828	\$ 6,320,168	\$ 3,400,150	\$ 24,927,390

Capital Projects for Discussion

Reoccurring Capital Projects

Capital Projects with Federal/State/Local Grant Commitments