

**PUBLIC WORKS COMMITTEE MEETING
MONDAY, FEBRUARY 6, 2023 – 5:00 P.M.
MUNICIPAL SERVICES – TRAINING ROOM
MINUTES**

I. ROLL CALL/CALL TO ORDER

Chairman Preschlack called the meeting to order at 5:00 P.M. Aldermen Nancy Novit and Ted Notz were in attendance.

Staff attending the meeting included Michael Thomas, Director of Public Works; Dan Martin, Superintendent of Public Works; Byron Kutz, Superintendent of Engineering and Jim Lockfeer, Assistant to the Director of Public Works.



II. NEW BUSINESS / ACTION ITEMS

1. APPROVAL OF THE January 19, 2023 PUBLIC WORKS COMMITTEE MEETING MINUTES

Alderman Novit moved to approve the January 19, 2023 Public Works Committee meeting minutes. Alderman Notz seconded the motion, which carried unanimously.

2. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF BID FOR REPLACEMENT OF WATER PLANT MEMBRANE MODULES

Superintendent Martin reviewed the below summary presentation slides on the topic.

WATER PLANT REPLACEMENT MEMBRANE MODULES	
<ul style="list-style-type: none">• FY23 Water Fund Capital Budget - \$340,000• Replacement of trains 3, 4, and 5 = 432 modules• The modules to be replaced have exhibited excessive fouling and have reached the end of their useful production life• Replacement modules needed to continue to provide sufficient drinking water production capacity• City staff obtained replacement pricing from Suez based on their existing relationship with the City (Administrative Directive 3-5, Section 6.11)• City WTP staff to install replacement modules with the support of Suez factory service rep., prior to this summer's high-water demand• Under Contract 2-2015, the specification language included pro-rated module pricing guarantees that Suez is honoring with this purchase<ul style="list-style-type: none">• This reduced the purchase cost of the next 4 sets of modules (Trains 3,4,5, and 6) by approximately 5%• The pro-rated pricing is based on a 10-year membrane life as presented in a 20-year total cost of ownership bid• Going forward:<ul style="list-style-type: none">• Staff will further clarify module replacement costs consistent with contract 2-2015 for train 6 in FY25 OR FY26• WTP staff to continue to work with Suez on operational modifications to improve performance and estimated useful life of membrane modules	 

WATER PLANT REPLACEMENT MEMBRANE MODULES

- **Action requested: PW Committee Recommends City Council Approve a Purchase to Zenon Environmental Corporation [doing business as Veolia Water Technologies & Solutions] for 432 Replacement Membrane Modules Included in the FY '24 Budget, in the total amount of \$282,000.**

Project Component	Cost Proposal
432 Replacement Modules	\$266,500
Installation Support – Veolia	\$15,500
TOTAL	\$282,000



The Committee and City staff discussed visiting the Water Plant, the development of the original 2015 contract, the term of the 2015 contract, the estimated useful life of the membranes, and the installation process of the new membranes.

Alderman Notz moved to recommend to City Council a purchase to Zenon Environmental Corporation [doing business as Veolia Water Technologies & Solutions] for 432 replacement membrane modules included in the FY '24 budget, in the total amount of \$282,000. Alderman Novit seconded the motion, which carried unanimously.

3. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL APPROVAL OF AN IDOT RESOLUTION APPROPRIATING MOTOR FUEL TAX FUNDS

Superintendent Kutz reviewed the below summary presentation slide on the topic.

APPROVAL APPROPRIATING 2023 MFT FUNDS

EXPENDITURE OF THE ILLINOIS MOTOR FUEL TAX FUND

The expenditure of MFT funds requires the approval and supervision of the Department of Transportation. The corporate authorities of the municipality must adopt an ordinance or a resolution appropriating the MFT funds. The ordinance or resolution shall state how the funds will be used and shall be submitted to the appropriate IDOT district office for approval. When MFT funds are used for construction, the ordinance or resolution must specify the location, type(s), length and width of proposed construction.

- **FY2024 Budget Total \$1,500,000**
 - Resurfacing: \$1,500,000 (MFT)
 - Patching: \$95,000
- Will be bid together with Lake Bluff for economies-of-scale in March
- Pavement Patching program (locally funded) will be bid with resurfacing
- Work between early May to late July
- **Action requested: Approval of an Illinois Department of Transportation Resolution Appropriating \$1,500,000 in Motor Fuel (MFT) funds to be used for the 2023 Annual Pavement Resurfacing Program**



The Committee and City staff discussed the development of the patching program budget and the allocation and distribution process of MFT funds.

Alderman Novit moved to recommend approval to City Council an Illinois Department of Transportation Resolution appropriating \$1,500,000 in Motor Fuel Tax (MFT) funds to be used for the 2023 Annual Pavement Resurfacing Program. Alderman Notz seconded the motion, which carried unanimously.


4. REVIEW AND APPROVAL TO CITY COUNCIL AWARD OF BID FOR THE POLICE DEPARTMENT BREAK ROOM RENOVATION PROJECT

Assistant to the Director Lockfeer reviewed the below summary presentation slide on the topic.

POLICE DEPARTMENT BREAK ROOM RENOVATION PROJECT

- The break room was last renovated in 1996
 - Carpet, cabinets, counters, and appliances are all very dated and have exceeded their estimated useful lives
 - Public Safety Building runs 24/7; use of the break room has declined significantly over the years
- Project will include all new interior paint, cabinets, counters, floors, appliances, and furnishings
- Project Budget - \$100,000
- City obtained six bids:

Firm	Bid
Efraim Carlson & Son	\$88,825
LZ Design Build Group	\$93,000
Red Feather Group	\$111,159
Boller Construction	\$113,100
Bee Liner Lean Services	\$130,000
Stensstrom	\$154,700
- Efraim Carlson & Son has completed numerous municipal projects; all reference checks came back positive
- If approved, construction to begin this Spring and is anticipated to be completed by early June
- Action Requested: PW Committee recommends City Council award of bid to Efraim Carlson & Son in the amount of \$88,825 to include a contingency in the amount of \$11,175, for the grand total amount of \$100,000**



The Committee and City staff discussed current usage of the space, Police Department personnel input as part of the design process, project contingency funds, and space furnishings.

Alderman Notz moved to recommend approval to City Council award of bid to Efraim Carlson & Son in the amount of \$88,825 to include a contingency in the amount of \$11,175, for the grand total amount of \$100,000. Alderman Novit seconded the motion, which carried unanimously.

III. FY '24 CIP PROJECT SCHEDULE

The Committee and City staff reviewed and discussed the below presentation slides.

CIP PROJECT SUMMARY CHART – CAPITAL FUND

Project	Asset Category	% Complete	Project Timeline	Notes
Beach Crane Replacement	Beach	10%	TBD	1/19 PWC review and recommended approval to CC; 2/6 seeking CC approval. Alerted 1/30 that cranes are now 24 weeks out from delivery due to supply chain issues.
Police Department Break Room Renovation	Facility	5%	February – May	2/6 seeking PWC review and recommended approval to CC; 2/21 seeking CC approval.
Forest Park Bluff Slope Stabilization	Forest Park	5%	September 2023 – April 2024	3/6 seeking PWC review and recommended approval to CC; 3/20 seeking CC approval. Construction to begin post labor day 2023 and will be completed prior to 2024 beach opening.
ADA Transition Plan	Road / Facilities / Parks	5%	April – July	3/6 seeking PWC review and recommended approval to CC; 3/20 seeking CC approval.
Annual Pavement Resurfacing & Patching Program	Road	5%	May–August	3/20 seeking PWC review and recommended approval to CC; 4/3 seeking CC approval.
Rockefeller/McCormick/Loch Ravine Construction	Ravine	5%	May – September	3/20 seeking PWC review and recommended approval to CC; 4/3 seeking CC approval.
Washington Road Ravine Construction	Ravine	5%	May – September	3/20 seeking PWC review and recommended approval to CC; 4/3 seeking CC approval.
Annual Storm Sewer Lining Program	Storm Sewer	5%	June–August	3/20 seeking PWC review and recommended approval to CC; 4/3 seeking CC approval.
Crack Sealing Program	Road	5%	Late Summer	4/3 seeking PWC review and recommended approval to CC; 4/17 seeking CC approval.
Lake-Woodbine Bridge Reconstruction Design PH 2	Bridge	5%	Summer 2023–Fall 2024	4/3 seeking PWC review and recommended approval to CC; 4/17 seeking CC approval.
Elawa Parking Lot Resurfacing and Expansion Design	Parking Lot	5%	Summer 2023–Fall 2023	4/3 seeking PWC review and recommended approval to CC; 4/17 seeking CC approval.
Elawa Parking Lot Resurfacing and Expansion Construction	Parking Lot	0%	Fall 2023 or Spring 2024	6/20 seeking PWC review and recommended approval to CC; 7/17 seeking CC approval.
Whispering Oaks Sidewalk Connections (SRTS) Design PH 2	Sidewalks	5%	Spring 2023 – Fall 2023	4/3 seeking PWC review and recommended approval to CC; 4/17 seeking CC approval.

CIP PROJECT SUMMARY CHART – CAPITAL FUND

Project	Asset Category	% Complete	Project Timeline	Notes
Concrete Sidewalk/Curb Replacement	Sidewalk / Road	5%	June–July	5/1 seeking PWC review and recommended approval to CC; 5/15 seeking CC approval.
Deerpath Sidewalk Connectivity (41-Westmoreland)	Sidewalk	5%	TBD	5/1 seeking PWC review and recommended approval to CC; 5/15 seeking CC approval.
Concrete Streets Repair	Road	5%	June–July	5/1 seeking PWC review and recommended approval to CC; 5/15 seeking CC approval.
Gorton Community Center Patio & Drop in Center	Facility	5%	TBD	5/15 seeking PWC review and recommended approval to CC; 6/5 seeking CC approval. Staff presented project to HPC 1/25; project needs to return to HPC
Annual Longline Striping Program	Road	0%	August	6/20 seeking PWC review and recommended approval to CC; 7/17 seeking CC approval.
Waukegan & Everett Intersection (Land Acquisition)	Road	5%	2023–2024	6/20 seeking PWC review and recommended approval to CC; 7/17 seeking CC approval. Applying for STP-Shared grant for land-acquisition grant
Public Safety Water Cooled Chiller Replacement	Facility	0%	Fall 2023	9/18 seeking PWC review and recommended approval to CC; 10/2 seeking CC approval.
Volwiler Carpet & Flooring Replacement	Facility	0%	Fall 2023	9/18 seeking PWC review and recommended approval to CC; 10/2 seeking CC approval.
Ahwahnee Road Storm Sewer Upgrade Construction	Storm Sewer	0%	Winter 2024–Summer 2024	11/20 seeking PWC review and recommended approval to CC; 12/4 seeking CC approval.
McLennon-Reed Bridge Repairs Construction	Bridge	0%	Spring 2024	1/16/24 seeking PWC review and recommended approval to CC; 2/5/24 seeking CC approval.

CIP PROJECT SUMMARY CHART – WATER FUND

Project	Asset Category	% Complete	Project Timeline	Notes
Sir William Ln Watermain Replacement (Lawrence-Everett)	Water	5%	June–August	3/6 seeking PWC review and recommended approval to CC; 3/20 seeking CC approval.
Membrane Module Replacement	Water	5%	May – June	2/6 seeking PWC review and recommended approval to CC; 2/21 seeking CC approval.
Annual Sanitary Sewer Lining Program	Sanitary	5%	June–August	3/20 seeking PWC review and recommended approval to CC; 4/3 seeking CC approval.
Manhole Lining and I&I Repairs Design	Sanitary	5%	Spring 2023–Summer 2023	4/17 seeking PWC review and recommended approval to CC; 5/1 seeking CC approval.
Manhole Lining and I&I Repairs Construction	Sanitary	5%	TBD	6/20 seeking PWC review and recommended approval to CC; 7/17 seeking CC approval.
Water Meter Replacement Project Design	Water	5%	June – September	5/15 seeking PWC review and recommended approval to CC; 6/5 seeking CC approval.

The Committee and City staff discussed the Deerpath/Route 41 Pump Station Project, the organization of the project summary chart, the Beach Crane Replacement Project, and the Forest Park Bluff Stabilization Project.

IV. ASSET, INFRASTRUCTURE, & SERVICE HIGHLIGHTS

There were no discussions on Asset, Infrastructure, & Service Highlights.

V. BUDGET / HIRING / INNOVATION UPDATES

The Committee and City staff discussed a potential Apprentice Program.

VI. PUBLIC COMMENT

There was no public comment.

VII. NEXT MEETING

Director Thomas explained that the next meeting will be held prior to the next City Council meeting on March 6, 2023.

VIII. ADJOURNMENT

Alderman Novit moved to adjourn the meeting of the Public Works Committee at 6:02 P.M. Alderman Notz seconded the motion, which carried unanimously.

Respectfully submitted,

Jim Lockefeer Jr.
Assistant to the Director of Public Works