

PUBLIC WORKS COMMITTEE MEETING THURSDAY, FEBRUARY 17, 2022 – 4:00 P.M. REMOTE ACCESS MEETING – ZOOM MINUTES

I. ROLL CALL/CALL TO ORDER

Chairman Jim Preschlack called the virtual meeting to order at 4:00 P.M. Aldermen Jennifer Karras and Ted Notz were present.

Chairman Preschlack stated that in accordance with state statute, he made the determination that it was not practical or prudent to schedule an in-person Public Works Committee meeting because of the COVID-19 pandemic, and therefore the meeting was being held remotely.

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

II. NEW BUSINESS / ACTION ITEMS

1. APPROVAL OF THE FEBRUARY 8, 2022 PUBLIC WORKS COMMITTEE MEETING MINUTES

Alderman Notz moved to approve the February 8, 2022 Public Works Committee meeting minutes. Alderman Karras seconded the motion, which carried unanimously.

2. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF BID FOR THE WAVELAND PARK & FOREST AVENUE PARKING LOT PROJECTS

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

WAVELAND PARK & FOREST AVENUE 2022 PARKING LOT IMPROVEMENTS		
FY23 Funding Source	Project Component	Cost
CIP \$396,000	Parking Lot Improvements	\$356,732.97
	10% Contingency	\$35,673.30
		\$392,406.27
Sustainability \$115,000	Waveland Park Bioswale & Forest Ave Stormwater Quality Structure	\$41,179.80
	10% Contingency	\$4,117.98
	Forest Ave. Charging Stations	\$24,426.00
		\$69,723.78
	GRAND TOTAL	\$462,130.05

<ul style="list-style-type: none"> Purchase of two EV Stations directly from Carbon Day EV Charging (same as existing charging stations) with Sustainability Funds for \$24,426 Action requested: PW Committee recommends City Council award the low bid for the Waveland Park & Forest Avenue 2022 Parking Lot Improvements to Maneval Construction and Authorize the City Manager to Execute an Agreement in the Amount of \$397,912.78 as well as Approving a 10% Contingency in the Amount of \$39,791.27 for a Total Cost of \$437,704.05 and the approval of a purchase from Carbon Day EV Charging in the amount of \$24,426 for two EV stations 	<table> <tr> <th>Contractor Firm</th><th>Bid Amount</th></tr> <tr> <td>Maneval Construction</td><td>\$397,912.78</td></tr> <tr> <td>Chicagoland Paving Contractors, Inc.</td><td>\$399,638.75</td></tr> <tr> <td>A Lamp Concrete Contractors, Inc</td><td>\$401,861.00</td></tr> <tr> <td>Peter Baker & Son Co</td><td>\$421,172.79</td></tr> <tr> <td>Schroeder Asphalt Services, Inc.</td><td>\$433,972.25</td></tr> <tr> <td>DK Contractors</td><td>\$455,410.50</td></tr> <tr> <td>J.A. Johnson Paving Co.</td><td>\$476,403.75</td></tr> <tr> <td>Abbey Paving and Sealcoating Co., Inc.</td><td>\$521,449.10</td></tr> </table>	Contractor Firm	Bid Amount	Maneval Construction	\$397,912.78	Chicagoland Paving Contractors, Inc.	\$399,638.75	A Lamp Concrete Contractors, Inc	\$401,861.00	Peter Baker & Son Co	\$421,172.79	Schroeder Asphalt Services, Inc.	\$433,972.25	DK Contractors	\$455,410.50	J.A. Johnson Paving Co.	\$476,403.75	Abbey Paving and Sealcoating Co., Inc.	\$521,449.10
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The Committee and City staff discussed the sustainability funding associated with the projects and electronic vehicle charging station use.



Alderman Notz moved to recommend to City Council approval of the award the low bid for the Waveland Park & Forest Avenue 2022 Parking Lot Improvements to Maneval Construction and authorize the City Manager to execute an agreement in the amount of \$397,912.78 as well as approving a 10% contingency in the amount of \$39,791.27 for a total cost of \$437,704.05 and the approval of a purchase from Carbon Day EV Charging in the amount of \$24,426 for two EV stations. Alderman Karras seconded the motion, which carried unanimously.

3. **REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF AN AGREEMENT FOR THE PAVEMENT MANAGEMENT PROGRAM**

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

2022 PAVEMENT MANAGEMENT PROGRAM

- Pavement Evaluation every three years
- 2019: 142 lane miles and 20 parking lots
- Current Pavement Condition Index (PCI): 82
- Past City Council PCI target 77
- Budget: \$125,000
- Six planholders; one proposal received from IMS in amount of \$108,967
- Requesting use of full available budget to add the inventory and testing of City-owned asphalt paths to the project scope; these paths are throughout various subdivisions (not currently tracked)
- **Action requested: PW Committee recommends City Council award the 2022 Pavement Management Program to Infrastructure Management Services and Authorize the City Manager to Execute an Agreement in an Amount Not to Exceed \$125,000**



Condition	PCI Range
Good	100 - 80
Satisfactory	80 - 70
Falling	70 - 60
Poor	60 - 0

The Committee and City staff discussed the data gathered through the program and the utilization of the data in recommending streets to be resurfaced.

Alderman Notz moved to recommend approval to City Council award the 2022 Pavement Management Program to Infrastructure Management Services and authorize the City Manager to execute an agreement in an amount not to exceed \$125,000 Alderman Karras seconded the motion, which carried unanimously.

4. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF BID FOR THE STREET CRACK SEALING PROGRAM

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

2022 CRACK SEALING PROJECT	
<ul style="list-style-type: none">• Annual project to seal pavement cracks to prevent moisture infiltration• Operations Budget: \$35,000• Utilizing the low-bid contractor from the Municipal Partnering Initiative (MPI)• Requesting agreement renewal with increased unit prices of 8% from 2021 prices• 27,000 feet proposed to be sealed in 2022• Action requested: PW Committee recommends City Council award the low bid for the 2022 Crack Sealing Project to Patriot Pavement Maintenance, Inc. and Authorize the City Manager to Execute an Agreement in an Amount Not to Exceed \$35,000	 

The Committee and City staff discussed the prioritization of cracks to be sealed and the City's online resident service request system's ability to allow residents to submit roadway issues.

Alderman Notz moved to recommend approval to City Council award the low bid for the 2022 Crack Sealing Project to Patriot Pavement Maintenance, Inc. and authorize the City Manager to execute an agreement in an amount not to exceed \$35,000. Alderman Karras seconded the motion, which carried unanimously.

5. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF BID FOR THE WATER PLANT PUMP VFD REPLACEMENT PROJECT

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

WATER PLANT PUMP VFD REPLACEMENT PROJECT

- Water Fund Budget: FY2023 - \$160,000 & FY2024 - \$247,000
- Water Plant has nine Variable Frequency Drives (VFDs) that control five finished water pumps and four raw water pumps
 - VFDs control electric motors on each pump providing necessary output by increasing or decreasing pump speed
- VFDs reduce energy consumption, reduce maintenance costs, and extend equipment life
- Existing VFDs installed in 2004 and reaching end of useful life
 - Repair parts are being discontinued due to age of equipment and newer technology
- Proposed VFDs have an 8-week lead time.
- Received the following three proposals to replace the VFDs:

Company Name	FY2023	FY2024	Total
Midwest Power Industry Incorporated	\$151,546	\$210,965	\$362,511
Pieper Electric, Inc.	\$181,025	\$256,975	\$438,000
Krause Electrical Contractors, Inc.	\$185,880	\$260,070	\$445,950
- Midwest Power has done favorable work at the Water Plant, Sewer Lift Stations, and other City facilities
- Action requested: PW Committee recommends City Council approve two-year agreement with Midwest Power to replace Water Treatment Plant's Variable Frequency Drives for the sum of \$362,511 Plus a 5% Contingency of \$18,125 for a total of \$380,636**



The Committee and City staff discussed the future of VFD technology and estimated useful life of new VFDs.

Alderman Notz moved to recommend approval to City Council award of two-year agreement with Midwest Power to replace Water Treatment Plant's Variable Frequency Drives for the sum of \$362,511 plus a 5% contingency of \$18,125 for a total of \$380,636. Alderman Karras seconded the motion, which carried unanimously.

6. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL AWARD OF BID FOR PUBLIC SAFETY BUILDING ROOF REPLACEMENT PROJECT

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

PUBLIC SAFETY BUILDING ROOF REPLACEMENT PROJECT

- FY23 Capital Improvement Program Budget – \$280,000
- Replacement membrane roof over the Fire apparatus bays and lower Police garage
- Roof is at the end of its EUL; approximately 20 years old
- Received three bids

Contracting Firm	Bid \$
YAD Construction	\$249,050
Riddiford Roofing	\$378,636
L. Marshall, Inc.	\$383,000
- Action requested: PW Committee recommends City Council award of bid for the Public Safety Fire Garage Roof Replacement Project to YAD Construction and authorize the City Manager to execute an agreement in the amount of \$249,050 plus 10% contingency in the amount of \$24,905 for a grand total of \$273,955**



The Committee and City staff discussed the areas of the Public Safety Building roof to be replaced and the remaining estimated useful life of the area not recommended to be replaced.

Alderman Notz moved to recommend approval to City Council award of bid for the Public Safety Fire Garage Roof Replacement Project to YAD Construction and authorize the City Manager to execute an agreement in the amount of \$249,050 plus 10% contingency in the amount of \$24,905 for a grand total of \$273,955. Alderman Karras seconded the motion, which carried unanimously.

III. ASSET, INFRASTRUCTURE, & SERVICE HIGHLIGHTS

Director Thomas provided the committee with an update on the ComEd Bridge Replacement Project. He explained that ComEd was working through their bid process to approve a construction contractor. He explained that ComEd was still seeking to completely close Deerpath Road at the bridge during the week of Spring Break from Saturday, March 19 through Sunday, March 27. He explained that there have been some public communications that have already been released and those efforts will continue.

Director Thomas provided the Committee with an update on the Burr Oak Area Storm Sewer Improvement Project. He explained that the City was still awaiting the approval of the grant agreement between the State and Lake County Stormwater Management Commission (SMC). He explained that once that agreement is executed, Lake County SMC and the City can execute the Burr Oak Area Storm Sewer Improvement Project agreement. Chairman Preschlack thanked the Mayor and staff for the efforts in keeping this Project moving forward.

IV. FY '22 PROJECT ROADMAP STATUS CHART

Alderman Karras explained that she attended the Lake and Woodbine neighborhood bridge meeting yesterday evening. She explained that the meeting went well and thanked staff for their efforts.

V. BUDGET / HIRING / INNOVATION UPDATES

There were no discussions on budget / hiring / innovation updates.

VI. PUBLIC COMMENT

There was no public comment.

VII. NEXT MEETING – MARCH 3, 2022

VIII. ADJOURNMENT

Alderman Notz moved to adjourn the meeting of the Public Works Committee at 4:48 P.M. Alderman Karas seconded the motion, which carried unanimously.

Respectfully submitted,

Jim Lockefeer Jr.
Assistant to the Director of Public Works