

Approved March 1, 2018

MINUTES

INFRASTRUCTURE COMMITTEE

February 1, 2018 7:00 P.M.

1. **Call to Order, Roll Call, and Establishment of a Quorum.** Chairman Beifuss called the meeting to order at 7:00 P.M. Roll call found Aldermen James Beifuss, Heather Brown, Sandra Dimas, George Garcia, Matt Garling, Alton Hallett, and Noreen Ligino-Kubinski present.

Staff present included Director of Public Works Robert Flatter, Utility Superintendent Rocky Horvath, and Administrative Assistant Ashley Cunningham. Also present were Paul Kubinski and Tim Petras of Kramer Tree Specialists, Inc.

2. Approval of Minutes

A. **Infrastructure Committee Minutes of January 4, 2018.** Alderman Dimas made a motion, seconded by Alderman Garcia to approve the Meeting Minutes of January 4, 2018.

Voting Yea: Aldermen Beifuss, Brown, Dimas, and Hallett. Voting Nay: 0.
Abstaining: Aldermen Garcia, Garling, and Ligino-Kubinski.

3. Public Participation / Presentations. None.

4. **Items for Consent.** Alderman Garcia requested discussion on Consent Item A. Alderman Beifuss requested discussion on Consent Items C and D. Alderman Dimas requested discussion on Consent Item F. **Alderman Hallett made a motion, seconded by Alderman Dimas to approve:**

B. **Resolution No. 18-R-0003 - Contract Award – Crawford, Murphy & Tilly, Inc. for Phase II Engineering Design Services Related to the Booster Station #4 Rehabilitation Project**

E. **Resolution No. 18-R-0006 – A Resolution for Maintenance of Streets and Highways by the City of West Chicago Relating to FY2018 MFT Estimate of Maintenance Costs**

Voting Yea: Aldermen Beifuss, Brown, Dimas, Garcia, Garling, Hallett, and Ligino-Kubinski. Voting Nay: 0.

5. Items for Discussion.

4.A. Purchase One 2017 Ford Transit 350 HD Extended Body High Roof Van with Aries Pathfinder Series Sewer Camera System. Mr. Flatter explained that the Public Works Department has planned and budgeted for the replacement of one 2001 Ford E350 Sewer/Televising Camera Van, which is utilized by staff for inspection of the City's sanitary sewer collection system and storm sewer system. City staff tested four camera systems to compare performance, ease of operation, available options, quality, and functionality; the camera system offered by Aries Industries, Inc. was preferred. It is not equipment that is used on a daily basis, but it is critical when needed for a blockage or repair. Alderman Garcia asked what makes the Aries system preferable. Mr. Flatter explained that it is the combination of features and specifications determined after testing was conducted by staff. Mr. Horvath further explained that Aries' software integrates with the City's existing GIS system and there is no annual cost of software maintenance. Alderman Beifuss inquired if the camera equipment is covered by any warranty. Mr. Flatter noted there is a one year warranty on this camera system. **Alderman Garcia made a motion, seconded by Alderman Brown to approve.**

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Brown, Dimas, Garcia, Garling, Hallett, and Ligino-Kubinski. Voting Nay: 0.

4.C. Resolution No. 18-R-0004 - Contract Award – RJN Group, Inc. for the 2018 Sanitary Sewer Evaluation Program. Alderman Beifuss indicated he wanted this item pulled for some brief background on the program and for an update on its effectiveness. Mr. Flatter explained that in 2010 the City implemented an inflow and infiltration (I/I) reduction program to reduce the amount of unnecessary stormwater flow to the City's Wastewater Treatment Plant. RJN Group, Inc. conducts manhole mapping and inspections, smoke testing, wet weather investigations, cleaning and televising, and dye testing of the sanitary collection system to develop a cost effective correction plan for implementation in future years. Mr. Flatter noted that flow to the Wastewater Treatment Plant has remained relatively consistent over the last eight years despite development and growth, which is a positive sign of improvement. During rain events there are no longer big spikes in flow to the Plant that once indicated influxes of rainwater coming into the system. **Alderman Dimas made a motion, seconded by Alderman Hallett to approve.**

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Brown, Dimas, Garcia, Garling, Hallett, and Ligino-Kubinski. Voting Nay: 0.

4.D. Resolution No. 18-R-0005 - Contract for Professional Engineering Design Services Related to the 2018 Sanitary Sewer Rehabilitation Program – RJN Group, Inc. Mr. Flatter explained that this is the next step in the I/I reduction process. In July 2017, the Infrastructure Committee approved and accepted the recommendations outlined in the 2014 and 2016 Sanitary Sewer Evaluation Survey Study Reports, as prepared by RJN Group, Inc., and directed staff to plan for and contractually complete recommended rehabilitation work as determined appropriate by staff and as allowed by budget. At staff's request, RJN has provided a proposal to develop plans, specifications, and bid documents to address the high priority sewer segments and a portion of the medium priority sewer segments in FY2018. Given the limited budget, most repairs will be sewer lining repairs. Point repairs are also being evaluated for repair by City staff. **Alderman Dimas made a motion, seconded by Alderman Hallett to approve.**

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Brown, Dimas, Garcia, Garling, Hallett, and Ligino-Kubinski. Voting Nay: 0.

4.F. Resolution No. 18-R-0007 – Contract Award – 2018 Parkway Tree Planting

Program. Alderman Dimas asked who selects the trees to be planted. Mr. Flatter explained that City staff determines which trees are to be planted, with the goal of planting no more than 5-10% of a given species to safeguard the City from mass devastation like that experienced with the Ash tree. Then residents receiving the trees have the opportunity to rate the species in order of preference, which are reserved and planted on a first come, first served basis. **Alderman Hallett made a motion, seconded by Alderman Garcia to approve.**

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Brown, Dimas, Garcia, Garling, Hallett, and Ligino-Kubinski. Voting Nay: 0.

6. Unfinished Business.

A. 2018 Brush Collection Program. At the January Infrastructure Committee meeting, the Committee asked staff to compile a program bid history for review, which was distributed at the February meeting. Following discussion at the January meeting, Kramer Tree Specialist, Inc. (Kramer) offered the following revised proposals for the Brush Collection Programs for the next three years: \$79,975.00 for FY2018; \$87,850.00 for FY2019; and \$96,775.00 for FY2020. As Trees “R” Us was one of the previous bidders, Mr. Flatter spoke with them about their ability to provide service and meet City expectations if the 2018 Brush Collection Program were bid. They indicated that their business is predominantly focused on brush collection, providing services for multiple municipalities including the Village of Glen Ellyn, the City of Naperville, and the Village of Hoffman Estates. However, Trees “R” Us did not provide a proposal to the City on the phone, but would provide a bid if the program went to bid. Alderman Beifuss wanted to recall the annual revenue for the program; Mr. Flatter confirmed that revenue for the Brush Collection Program averages \$75,000.00 annually. Aldermen Hallett and Ligino-Kubinski expressed their preference to award a contract to Kramer. Alderman Garcia noted his concern for the large price increases over the next three years compared with the actual costs in preceding years. Alderman Beifuss noted that as a self-sustaining program in the past, the brush collection fee may need to be increased to account for the difference in cost, though that would not be preferred. Alderman Garling inquired if shortening the program by one month would help reduce the annual cost. Mr. Flatter said this may be a possibility, though residents may be displeased with the shortened collection period, and bidders may not lower their bids much assuming that residents may put out the same amount of brush during that shorter period to make up for having one less month of collection. Currently the General Fund absorbs any overage that the brush collection fee revenue does not cover. Alderman Hallett wondered how Trees “R” Us may be able to provide service to the City while they are already servicing so many other sizable municipalities. Following discussion, the Committee reached a consensus to pursue a three-year contract with Kramer Tree Specialist, Inc. which will be brought back to Committee in March for approval.

B. Alternative Cost Analysis for Proposed Salt Storage Facility – 1300 W. Hawthorne Lane. With soil remediation efforts moving forward at 119 W. Washington, Public

Works will be losing the temporary salt storage shed and an equipment storage building. The equipment storage building is mainly used to store snow plows and salt spreaders in the summer months, and paving and mowing equipment during the winter months, along with pulverized topsoil, traffic control equipment, and miscellaneous equipment. The most critical issue is the salt storage, as the EPA will not allow salt to be permanently stored outside. Staff desires to construct a Hi-Arch Gambrel (barn style) salt storage facility/building with a concrete wall foundation with approximately 6,100 tons of deicing material capacity, two overhead door entranceways (one on each side of the building) to access the materials, and enclosed truck/equipment storage bays on each side of the building. On average, the City uses 2,600 tons of deicing material per year, though up to 6,200 tons have been used in one year during severe winter conditions. With the construction of a salt storage facility, certain site improvements must also be constructed (i.e., pavement to access the facility and load trucks, lighting, electricity, storm sewer and drainage systems, security fencing, etc.); four total site build-out alternative concept plans were developed which range between an estimated \$727,943.00 and \$1,336,492.00. Additional engineering and architectural services estimated at \$261,000.00, as well as a required automatic fire alarm detection system and sprinkler system estimated at \$100,000.00, will add to costs as well.

As previously indicated, staff desires to construct a salt storage facility capable of storing approximately 6,100 tons of deicing material. The minimum size salt storage facility recommended by staff would be one that could store 4,100 tons; 2,900 tons would be the absolute minimum. A building alone with wood wall foundation would start around \$295,000.00 for the smallest option and up to roughly \$432,000.00 for the 6,100 ton preferred option. Adding a concrete wall foundation would add between \$156,000.00 and \$213,200.00 depending on the building size. Optional features including two overhead entranceway doors, lean-to truck/equipment storage bays, and overhead doors on these bays would add varying costs as well. Some optional features could be eliminated, constructed in phases, or added at a later date, but staff estimates that costs will increase by at least 30% due to additional work that would be necessary to alter an existing building or site and estimates an additional 3% annually for inflation. In total, the estimated construction cost of each option is: \$2.1 million for the 6,100 ton facility; \$2.0 million for the 4,100 ton facility; and \$1.8 million for the 2,900 ton facility. Alderman Ligino-Kubinski asked if in 5-10 years there is any possibility of an intergovernmental agreement with nearby municipalities that would allow the City to share their existing storage space, making a new facility unnecessary. Mr. Flatter said it is possible, but his concern with sharing their space is accountability; for example, if the City pays for a quantity of salt, how could it be guaranteed that the City is receiving this same quantity from storage? Alderman Garcia asked about the possibility of constructing the facility in phases to save money, but Mr. Flatter reiterated that constructing in phases would likely add 30% to costs due to additional work that would be necessary to alter an existing building.

Following discussion, Alderman Beifuss confirmed the Committee was agreeable to site improvement ALT 1C (the lowest cost option). The subject still in question was the size of the salt storage facility and what optional features to include. Mr. Flatter explained that in March of each year, he has to determine how much salt the City will need for the upcoming winter season; this can be very difficult to predict, and times of high demand can create price fluctuations and issues with delivery. Having a 6,100 ton capacity would allow flexibility in the amount of deicing material that could be purchased and stored. For example, if the price of salt is expected to rise next year, staff could order the maximum amount this year and have ample room to store

it for the following season. Any additional space could be used for pulverized topsoil, gravel, and equipment as well. Alderman Hallett voiced his support for a 6,100 ton facility. Alderman Beifuss noted that the difference in cost for the 4,100 ton facility compared to the 6,100 ton facility is not that much, and having that additional storage space would be useful. Alderman Garling suggested skipping the overhead doors on the lean-tos for the time being since they should be relatively easy to add on down the road; this could save about \$100,000.00. The Committee concluded that they would prefer the 6,100 ton storage capacity building size with two overhead entranceway doors, along with lean-tos on both sides of the building, but without overhead doors on the lean-tos at this time. At Mr. Flatter's request, the Committee was agreeable to including the overhead doors for the lean-tos as an alternate bid at least to get a price on them.

7. New Business. None.

8. Reports from Staff. None.

9. Adjournment. At 9:06 P.M., Alderman Dimas made a motion to adjourn, seconded by Alderman Hallett. Motion was unanimously approved by voice vote.

Respectfully submitted,

Ashley Cunningham
Administrative Assistant of Public Works