

# CITY OF WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

Approved with changes 10/06/2016

## MINUTES

### INFRASTRUCTURE COMMITTEE

September 1, 2016 7:00 P.M.

1. **Call to Order, Roll Call, and Establishment of a Quorum.** Chairman Beifuss called the meeting to order at 7:02 P.M. Roll call found Aldermen James Beifuss, Sandra Dimas, Mark Edwalds, Alton Hallett, and Noreen Ligino-Kubinski present. Alderman John Smith was absent.

Staff present included Director of Public Works Robert Flatter, Assistant Director of Public Works Tim Wilcox, and Executive Secretary of Public Works Ashley Cunningham. Also in attendance was Wayne White of Emerald Tree Care and George Garcia (resident).

#### 2. Approval of Minutes

A. **Infrastructure Committee Minutes of July 7, 2016.** Alderman Hallett made a motion, seconded by Alderman Edwalds to approve the Meeting Minutes of July 7, 2016. Voting Yea: Aldermen Beifuss, Dimas, Edwalds, Hallett, and Ligino-Kubinski. Voting Nay: 0.

#### 3. Public Participation / Presentations. None.

4. **Items for Consent.** Alderman Edwalds requested discussion on Consent Item A, Alderman Beifuss requested discussion on Consent Item D. Alderman Beifuss requested a correction to remove the word "one" from the title/description for Consent Item E on the agenda. Alderman Dimas made a motion, seconded by Alderman Hallett to approve:

B. **Change Order #1 and Final – A. Eugene Rennels Bridge Concrete and Deck Overlay Project**

C. **Change Order #1 and Final – 2016 Forestry Maintenance Program**

E. **Purchase of one Thawrox Deicer from Compass Minerals America, Inc., Overland Park, Kansas**

Voting Yea: Aldermen Beifuss, Dimas, Edwalds, Hallett, and Ligino-Kubinski. Voting Nay: 0.

#### 5. Items for Discussion. Items for discussion include Consent Items 4.A. and 4.D.

4.A. **Resolution No. 16-R-0043 – Contract Award – Builders Paving for the 2016 Street Resurfacing Program (Cornerstone Lakes Subdivision).** Alderman Edwalds asked if in paragraph two, line two of the Agenda Summary, "Bidders Paving" should be corrected to "Builders Paving". Mr. Flatter confirmed this should be corrected and apologized for the error. Alderman

Beifuss inquired as to why Builders Paving's bid of \$377,300.00 came in 22% below the engineer's estimate of \$487,656.50. Mr. Flatter explained that there were three contributing factors for this difference in price. The biggest factor was due to the current price of asphalt. Of the roughly \$110,000.00 difference in estimated price, about \$70,000.00 of that was attributed to the price of asphalt-related material. There was also an \$11,000.00 savings for traffic control. Sometimes contractors will pad line items like this because it is a guaranteed pay item, which was part of the reason why the engineers estimated \$15,000.00 for traffic control based upon their opinion and experience. The third factor was a \$14,000.00 savings on reflective crack control. These savings accounted for most of the price differences and the remaining was attributed to miscellaneous costs. The low cost of oil, the lack of asphalt paving jobs being conducted this year amongst municipalities, and the lack of asphalt paving jobs with IDOT have all contributed to decreased costs overall for these types of projects. Alderman Beifuss also asked if the references for Builders Paving checked out. Mr. Flatter explained that this will be the first time the City contracts with Builders Paving, and the references checked out great. There were no further questions.

**Alderman Edwalds made a motion seconded by Alderman Ligino-Kubinski to approve.**  
**Voting Yea: Aldermen Beifuss, Dimas, Edwalds, Hallett, and Ligino-Kubinski. Voting Nay: 0.**

**4.D. Purchase of one 2016 Vactor Plus 2110 Sewer Cleaning Truck – Standard Equipment Company of Chicago, Illinois.** Mr. Flatter explained that the staff has asked for the purchase of a 2016 Vactor Plus 2110 Sewer Cleaning Truck mounted on a Peterbilt Single Axis Chassis for \$386,824.00. They had plans to replace the sewer flusher truck in the budget for this year. The flusher truck is a box truck with a 1,500 pound water tank and 600 foot hose reel that is used to flush the sanitary and storm sewer lines. The vehicle is a 2001 truck that has outlived its useful life and is up for replacement. Mr. Flatter went on to explain that flushing is a very important component of sewer cleaning, but it is only one of two components. The other component is to literally vacuum or excavate the material out of the sewer lines once it has been flushed. These Vactor trucks are also used for hydro excavating, for instance, when a b-box needs to be straightened. The price of a Vactor unit alone is about \$250,000.00. The department has a 2014 Vactor presently, but when that machine is down there is no backup to rely on. After some deliberation, staff decided it would be more reliable to have two Vactors rather than solely replace the flusher truck. They will also be trading in their 1993 Vactor to Standard Equipment and receive \$10,000.00 for it. Currently that vehicle needs about \$45,000 worth of work. In 2006 it was rehabbed for \$130,000.00 and they got about ten more years out of it, but at this point it is just not prudent to put the additional \$45,000.00 into it. There is \$206,000.00 in the budget to replace the flusher, and there are adequate reserves in the Capital Equipment Replacement Fund to cover the difference of the 2016 Vactor. Alderman Beifuss asked what would be done with the flusher that would be replaced, and Mr. Flatter explained that it would be put up for auction. It is believed that the flusher could be sold for \$50,000.00-\$60,000.00. There were no further questions.

**Alderman Dimas made a motion seconded by Alderman Edwalds to approve.**  
**Voting Yea: Aldermen Beifuss, Dimas, Edwalds, Hallett, and Ligino-Kubinski. Voting Nay: 0.**

**6. Unfinished Business.** None.

**7. New Business.** None.



## 8. Reports from Staff.

**A. Emerald Ash Borer Insecticidal Treatment Program Update.** Wayne White of Emerald Tree Care was in attendance to discuss the 2015 report he created for the City of West Chicago regarding the current status and future predictions of the Emerald Ash Borer Insecticidal Treatment Program which he has been handling for roughly the last six years through chemical treatments. Tim Wilcox went on to explain that the Ash Borer was discovered in this area in 2010, and Graf Tree Care was hired to do an inventory of the trees and found that the City had 2,446 ash trees. Since that time Mr. White has found several that were missed during that initial inventory. Of those, 593 trees had to be removed because they were so heavily damaged, which was about 25% of West Chicago's ash tree population. In 2011, Mr. White was hired to treat the remaining 1,853 trees. Mr. White explained that treatment began in August of 2011, which may have put some of the trees at a disadvantage since treatment should usually begin in the spring. It was originally estimated that the City would lose 30% of its ash trees, but to date only about 20% have been lost. Mr. White said the good news is that the City is "over the hump" because as the trees die, the ash borer cannot reproduce or live on dead trees and the insecticidal treatment on living trees will kill and stop the others. Presently about 80% of the trees are considered healthy, and Mr. White theorizes that switching to a two-year chemical next year may mean it is the last time the trees ever have to be injected. Alderman Dimas asked what would stop the ash borer from coming back once treatment has stopped. Mr. White explained that the insect cannot come back because when they hatch from their egg, they do not wander around and look for food. They bore straight into the tree and if they do not find food they die, so there is no adult to continue on to the following year and reproduce. There is also some residual insecticide in the tree once treatment has stopped and there are at-home treatments that can be used to continue treating those affected trees. Alderman Beifuss mentioned that initially a cost-benefit analysis was done to determine whether long-term treatment or removal made more sense, and it seems that the treatment has been the right choice given that it has saved so many mature trees that provide shade and increase home values. Alderman Hallett asked for clarification on the cost for the two-year chemical. Mr. White explained that the current injection costs \$2.90 per inch in diameter and the two-year treatment would be an additional \$0.30 per inch in diameter, but labor costs would remain the same. Alderman Hallett asked how Mr. White could know that two more years of treatment would suffice, and Mr. White explained that his experience with his work in Michigan, which he has worked with for a longer period of time, has given him some insight and professional experience that leads him to that conclusion. Mr. Flatter explained that this was merely an update on the program and no action was required. There is one more year of treatment left presently, and next year the City will need to decide whether or not to continue treatment, stop treatment, or change course and use the two-year chemical.

**9. Adjournment.** At 7:43 P.M., Alderman Dimas made a motion to adjourn, seconded by Alderman Hallett. Motion was unanimously approved by voice vote.

Respectfully submitted,

Ashley Cunningham  
Executive Secretary of Public Works