



## **Environmental Quality & Public Works Committee**

September 20, 2016

### **Summary and Motions**

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Chair Farmer called the meeting to order at 1:00 p.m. Committee Members Kay, J. Brown, Gibbs, Evans, F. Brown and Mossotti were present. Committee Members Stinnett, Moloney, and Hensley were absent. Council Member Bledsoe was also in attendance.

#### **I. Approval of Committee Summary – August 23, 2016**

A motion was made by Kay to approve the August 23, 2016 Environmental Quality & Public Works Committee Summary & Motions, seconded by Gibbs. The motion passed without dissent.

#### **II. Snow and Ice Control Plan Update**

Dowell Hoskins-Squier, Commissioner, Environmental Quality & Public Works, presented an update regarding snow removal on roadways. She reviewed key expenses for Fiscal Year 2016, actual expenses, and Fiscal Year 2017 budgeted expenses. She reviewed how much salt we have on hand, how much we budgeted for, and how much we will need to purchase. She reviewed route rankings explaining that there are four ranking levels for street snow removal and three service levels based on snow accumulation. Hoskins-Squier also discussed contractor support for snow removal which began in fiscal year 2016 and will continue in fiscal year 2017.

Hoskins-Squier stated that the communication plan would be exactly the same as last year, with the Mayor's Office taking the lead on communications with the media. Hoskins-Squier will continue to provide e-mails to Council Members and the Mayor's Office staff. For FY17, snow condition levels have been removed from the plan as they had not been used in many years and it was overly complicated to have route rankings 1-4, street snow removal levels 1-3 and condition levels 1-9.

Kay asked if the cost for salt assumes purchasing the same amount as last year. Hoskins-Squier explained that the price of salt had decreased since last year due to a reverse bid process. She explained we will purchase 16,000 tons of salt this year snow season, which is more than we have used in recent years.

Susan Plueger, Director, Division of Environmental Services presented the sidewalk snow removal portion of the presentation. She explained that Parks and Recreation were responsible for snow removal in parks and on trails; Facilities and Fleet Management are responsible for removal of snow from sidewalks around facilities; and Environmental Services is responsible for snow removal in other areas such as bridges and greenways.

Mossotti asked why we would use time and resources to remove snow from greenways.

Plueger explained that snow is cleared on the public sidewalks that are adjacent to greenway properties.

Plueger stated that \$145,000 of capital budget allocation was utilized to purchase additional equipment such as tractors and plows. In addition, \$25,000 was allocated for contractor assistance to remove snow from viaducts. Council Members have been provided with maps that show the snow removal priority plan for their district. Rank 1 sidewalks will have snow removed within 24 hours. Rank 2 sidewalks adjacent to city thoroughfares and connectors will be cleared within 48 hours of snow end. Rank 3 sidewalks in residential areas will be partially cleared within 96 hours of snow end.

F. Brown inquired about service levels, and where we measure snow accumulation. Albert Miller stated that the initial measure is taken at the airport, with staff taking measures in other areas as well.

F. Brown asked if there were any major changes to the Plan from last year. Hoskins-Squier stated that the only change was in the elimination of the 9 condition levels.

J. Brown asked about the communication plan and the current procedure to notify residents about sidewalk snow removal. Chester Hicks stated that there is an ordinance being proposed addressing this issue. Ken Armstrong, Director of Code Enforcement added that the City will use GTV3, TV, radio, etc. to provide notice to the public when the ordinance is in effect (assuming the ordinance is approved). Violations will not be issued until 24 hours after the initial notice is provided. Occupants as well as homeowners will receive notices.

Bledsoe asked about the implementation of Routeware on the snow removal trucks. Albert Miller stated that the base version of Routeware has been installed, but upgrades would be necessary to improve functionality and show the status and location of each snow removal truck. Hoskins-Squier added that upgrades are being beta tested on two trucks.

Evans asked why snow hauling was not budgeted. Hoskins-Squier stated that snow hauling is not typically needed, so it is not usually included in the budget. Evans asked if there was collaboration with Fayette County Public Schools for sidewalk snow removal adjacent to schools. Plueger stated that the priority map is still being evaluated to address these issues.

Farmer asked if service levels were congruent with the proposed sidewalk snow removal ordinance. Plueger stated that it would not really be possible for the LFUCG to remove snow from all sidewalks within 24 hours.

No further comment or action on this item.

### **III. Municipal Separate Storm Sewer System (MS4)**

Jennifer Carey, MS4 Water Quality section manager in the Division of Water Quality and Richard Walker with Tetrattec presented on the item. She explained that the stormwater manual exists to prevent new flooding problems resulting from new development, and to provide construction standards. Carey reviewed the stakeholder input process, and reviewed the updates that have been made to the manual. Significant changes include increased stream buffer width (from 25 to 50 feet), requirements for green infrastructure, and the addition of requirements from wellhead protection plans within the planning area.

Kay asked for additional information regarding the Stormwater Stakeholder Advisory Committee. Carey stated that this committee is a permit requirement and provided information regarding Committee members. Mossotti asked if the Board of Realtors was represented on the Committee. Carey stated that they were included in the process, but chose not to participate on the Committee. Farmer stated that the flow of information is important to assure that realtors are actively involved in the process.

Kay asked for the definition of "stream." The Army Corps of Engineers' definition is used when implementing permitting standards, which varies depending on the type of flow in the stream. The design engineer will typically contact Corps of Engineers to obtain a determination in this regard.

In response to a question from Kay, Walker clarified that the project's design engineer typically contacts the Corps of Engineers. Walker said the LFUCG conducts periodic inspections during construction and at the completion of the project, but the design engineer is responsible throughout the project. Kay asked how post-construction issues are addressed. Walker responded that Engineering would coordinate with the developer and the engineer to correct any issues, which may eventually be subject to Code Enforcement action. Kay expressed concern that the process has not always been effective.

Mossotti asked about programs and grants for stormwater control. Carey said the ordinance enacting the Water Quality Management Fee has a provision that 10% of the fee collected be used for storm water quality projects.

No further comment or action on this item.

### **IV. LED Street Lights**

Jeff Neal with Traffic Engineering presented the status of streetlight installation throughout the City, and discussed LED pilot projects on Man O'War Boulevard, Alumni Drive, New Circle, and Granville replacements downtown.

Mossotti asked how the decision is made to install different types and styles of streetlights. Neal responded that the guiding policy is that if a neighborhood has a particular set of street lights, they would use those same street lights on new installations in the neighborhood. If no street light type has been established, the cobra head fixture is typically installed because it is less expensive and more effective.

In response to a question from Evans, Neal clarified that the two fixtures provide the same amount of light, but the cobra head fixture extends further.

Farmer asked about the cost and amount of light of the LED lights. Neal said technology is progressing, and costs are decreasing. He said KU is not offering LED fixtures at this time, but will be incorporating them next year. Farmer stated that we are working with KU on this issue now.

No further comment or action on this item.

#### **V. Items Referred to Committee**

A motion was made by Gibbs, seconded by J. Brown to remove Tree Protection Language in RFPs / Tree Protection Planning from committee. The motion passed without dissent.

A motion was made by Mossotti, seconded by Kay to remove Retention/Detention Maintenance and Enforcement item from committee. The motion passed without dissent.

A motion was made by Kay, seconded by F. Brown to remove Municipal Separate Storm Sewer System from committee. The motion passed without dissent.

A motion was made by Kay to adjourn, seconded by Evans. The motion passed without dissent.

The meeting was adjourned at 2:15 p.m.

K.T. 9.21.2016