

City of Washington  
Public Work Committee  
Monday, October 1, 2018 – **Minutes**

CITY HALL CONFERENCE ROOM  
301 WALNUT STREET

Present: Aldermen Mike Brownfield, Dave Dingledine, and Jim Gee.

Also Present: Ed Andrews, Public Works Director; Bob Brucks, Alderman; Jon Oliphant, Planning & Development Director; and Kevin Schone, Public Works Supervisor.

Alderman Brownfield called the meeting to order at 5:00 p.m.

1. Alderman Wishing to be Heard on Non-Agenda Item: None.
2. Citizens Wishing to be Heard on Non-Agenda Item: None.
3. Approval of Minutes – The minutes from the September 4, 2018, meeting was unanimously approved.
4. Business Items:
  - A. Grit Chamber Demolition – Sewer Treatment Plant #2 – The FY 18-19 budget provides for \$25,000 for a vehicle and equipment building. Demolition of the grit chamber and drying beds that are no longer in use will be necessary to move forward with that project. Staff would like to use the money budgeted for the vehicle and equipment building to demolish the grit chamber this fiscal year and push the building to the next fiscal year if approved. Three contractors were contacted for quotes to complete this work. Lonewolf had the low quote for the demolition of the grit chamber and drying beds. Each of the contractors were also asked to submit a bid for the pouring of the containment curbs to contain the sludge and sand from running off the slabs. Lonewolf's total bid is \$25,750 and staff recommends approval of this while they are on site to demo the old grit chamber and drying beds without seeking additional quotes. The committee recommended approval. It will be scheduled for approval at the 10/15 Council meeting.
  - B. GIS Aerial Photography Consideration – The City has been asked to partner in a flight to produce new orthophotography within Tazewell County. The City last participated in a similar flight in 2015 for 6" resolution for the entire county. There has been significant cost savings by doing this as a regional project and the goal is to have the orthophotography updated every 3-4 years for the County and its municipalities. The City has been asked to provide a share of the cost based on the number of improved parcels within the city limits and 1.5 mile extraterritorial planning jurisdiction. A grant obtained from the Tri-County Regional Planning Commission would offset the project cost by about \$45,000. The County would incur 50% of the cost with the municipalities responsible for the other 50%. Two proposals have been offered by the likely vendor: 1) Standard 6" imagery for the full county and the Rapid Access – Disaster Response Program. 2) 3" imager with 4-way obliques within the incorporated portions of the county, 6" imagery for the unincorporated portions, and 9" imagery with 4-way obliques within the unincorporated portions. The cost of the first option is anticipated to be \$6,600 with Washington's share at \$1,000.7. The cost of the second option is anticipated to be \$88,250 with Washington's share at \$13,464. The consensus of the communities that have attended the meetings thus far is to support the higher resolution flight due to the increased accuracy and the

multitude of benefits it provides for various departments at a solid price due to the regional cooperation. A question was asked about what would happen if a community wanted to choose an option that was not the selected option amongst the other communities. Staff indicated it would check with the County but the understanding is that only one option would be selected and a community that did not want that option would need to handle its own project. The committee recommended this option and requested that it be scheduled for discussion at the 10/8 COW meeting.

- C. Water Tower #1 Painting – The FY 18-19 budget includes funds for the painting of Water Tower #1. In late 2016, the City was approached by Verizon for the installation of an additional antenna array on the tower. Final plans for this work were received in early 2017 but work has not progressed at this time. The painting of the tower was originally planned to occur after this installation since Verizon had committed to also remove the old Nextel array when they did their install. Staff has made a number of inquiries and have not received a definite timeline on when this work might advance. An informal discussion with Landmark Dividend felt that it would not be a requirement to wait on Verizon at this point. While the most recent round of tower inspections in Fall 2015 found the coatings to be in good condition, we would still want to target a 10-12 year frequency between painting. This will be scheduled for further review as more information is gathered.
- D. Water Treatment Plant #1 Flood Protection Study – The City engaged CMT under Work Order 16-2 to assist in a detailed review of flood protection options (design requirements and funding) at Water Treatment Plant #1. WTP#1 was built in 1959. FEMA first released Flood Insurance Rate Maps for Washington in 1986, which mapped WTP#1 in the 100-year floodplain. A key discussion component of CMT's study is to determine the degree of flood protection which we would target for the facility. While there is a federal program (CAP-205) for a 50/50 cost share, this program would require a more aggressive 500-year flood protection. CMT has also reviewed the IEPA's minimum 100-year flood protection, which unfortunately does not have a cost share component, but is at a much lesser cost. The 100-year protection carries an estimated cost of \$158,000 while the 500-year protection carries an estimated cost of \$900,000, with the City paying half of this following the federal cost share. There is no guarantee of funding for the CAP-205 program after discussions about this project with staff at the Rock Island Corps. Additionally, WTP#1 is the older the City's two water plants. Expansion at this location is limited with the future scenario of a new WTP#3 a more likely scenario. The committee recommended the 100-year protection option due to the cost and possibility of decommissioning of WTP#1 in the future. This will be scheduled for discussion at a future COW meeting.

5. Staff Updates:

- A. Water Tower #2 Cleaning – National Wash has cleaned the tower at least two times. A bid of \$7,740 was received by National Wash, though it may not need to be repainted given the difficulty in matching colors. A bid of \$8,900 was received by Specialty Corp. out of Chillicothe. The FY 18-19 budget includes \$15,000 for this work. It will be scheduled for discussion at the 10/8 COW meeting.
- B. Water/Sewer Rate Study – A presentation by Raftelis (with CMT) is planned at the 10/8 COW meeting. The sewer rate is close to what the rate should be. The water rate is much lower than what the rate should be. The City would not meet its

operating cost in the next 3-4 years under the current rate structure. The Raftelis study will have a recommendation on a new rate structure for the Council to consider.

- C. N. Lawndale & W. Holland Reconstruction – Work has been progressing on the construction plans for the N. Lawndale reconstruction. Staff attended a progress meeting at Mohr & Kerr's offices on 9/25 to review and lend input on some of the design preferences. One nice element of the current design is avoiding the previous turn at the alley between Lawndale and Redbud, STA 109+100 (RT). This allows for the storm sewer to be directly conveyed to Farm Creek without adding to intermediate flows on Redbud. The new storm sewer has been relocated to the southside of the street and the new sanitary along the center of the roadway. Details of the interim conditions of the side road have also been incorporated, whereby any future rebuild of those streets will be compatible with the current effort proposed for Lawndale. It was also discussed what might be the select approach for addressing the disconnection of footing tiles to the sanitary sewer and water services from the curb stop to the house. The bid set of plans presumes that the contractor will construct this similar to a new subdivision and bring both of those to the ROW line. The plans also provide for sump drain connections, but Mohr & Kerr feel that a separate plumbing contract to conduct those services would be more cost effective and could occur concurrent or after the roadway construction. The preliminary estimate has also been programmed into the rate study. Special assessment consideration can be given for I&I on a case-by-case basis. A survey can be done of the homes to determine the services in each house. Consideration can be given for the upsizing of the sewer in the area. For W. Holland, most utilities have been surveyed. The plan is to reproduce the brick surface. A substantial base will be needed below the brick.
- D. Water Treatment Plant #1 Pressure Vessel Rehab – All Service would not offer a quote for this work without additional media sampling. Staff has spoken with River City Construction and they have helped prepare a budget with an allowance for disposal both at a local landfill or at a higher level if needed.

6. Other Business:

- A. Staff does not have any new info on the status of the permit for the TP&W/Diebel work. Staff will follow-up on this.
- B. Staff is awaiting word from IDOT on this year's seal coat program.
- C. Crackseal work is still to be completed this year. Multiple vendors can do striping. Staff will look at Cruger while also looking at N. Cummings.
- D. Staff hopes to have the WTP#2 roof repairs done this week.
- E. S. Cummings: Kevin Schone update the Committee on the recent repairs undertaken for the sanitary sewer creek crossing to the east of S. Cummings Lane.
- F. The overhead lights at Nofsinger and 24 are operating now.

Motion to adjourn at approximately 6:17 p.m.