


April 2, 2019

MEMORANDUM:

TO: INFRASTRUCTURE COMMITTEE
FROM: INTERIM TOWN SUPERINTENDENT 
SUBJECT: COMMITTEE MEETING

The Committee met today and discussed the following items:

1. Water issues. Well #2 remains off line. Sydnor Hydro, Inc. is to on-site today to begin repairs on a broken shaft. Staff has detected a noise in Well #1 believed to be related to the bearings in pump motor, Sydnor will evaluate this pump while on site to determine the necessary repairs. During this work, the Town is drawing water from the County under the water exchange agreement.
2. Supervisory Control and Data Acquisition (**SCADA**) system. The Committee reviewed the two proposals received for this work. Staff expects to receive a third this week. The current provider SLM has submitted the high proposal (\$80,000) at this point, while Valley Automation, Inc. has submitted a proposal of \$40,788 for comparable work.
3. Utility mapping/water & sewer study. Staff met earlier today with representatives of the Central Shenandoah Regional Planning Commission to discuss their assistance in the mapping project and acquiring an engineering firm to undertake a water and sewer study.

Regarding updating the data system for the utility system, while the base mapping will not be to survey grade, it is an important step for the Town in maintaining the system by locating and mapping the lines and appurtenances. The Town will purchase the ESRI mapping software under a cooperative purchasing agreement (\$3,500), which includes one "creator" level license for the desktop unit. The system license requires an annual fee of \$700 for support. In addition, there will be several licenses to use an "app" to access and support the system utilizing Town's cell phones. Those licenses vary in price from \$100 to \$350 per year per unit access depending on the type of use. Staff estimates the total additional charge will be no more than \$1,000 per year. The CSPDC will provide implementation support to assist in the start-up of the system, estimated to cost no more than \$2,000. The only other cost will be if the desktop unit at the water plant has to be updated to meet the requirements for the mapping system.

The CSPDC has a cooperative "on-call consultant" program for the Town to receive proposal for the water & sewer study. The CSPDC has prequalified six engineering firms, four of which are general engineering firms capable of submitting for this work. Staff is working on a scope of work and will submit it to the CSPDC who will seek quotes from the firms. The Town will also receive a proposal from Brunk & Hylton, the Town's consulting engineer. If the contract is awarded through the CSPDC, its staff will manage the contract and bill the Town for services. There is a 5% administrative fee for that assistance. Staff expects to have the proposals by early May 2019.

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4. Utility System projects update. Included in the current budget are two projects – upgrading the backwash system at the water treatment plant and maintenance of the sewer line along Mason Street in front of the Municipal Building. Staff is getting bids for both of these projects and expects to have them complete by the end of the summer.

5. Water line on the east side of Rte. 42 from Meigs Lane to the Cargill plant. This project was listed in the budget to begin this spring and be completed in next fiscal year. Staff is working on additional information for the Committee.

6. Recycling. The Committee discussed a proposal to provide recycling within the Town on a limited basis. There are two options – one is to provide a 6 yard dumpster limited to the disposal of corrugated cardboard (\$35 per month) and the other is to provide a 25 yard “snappy” box to allow for the disposal of other paperboard, #2 plastic and aluminum cans (\$90 per month, plus \$145 per “pull”). While this is a good opportunity for the Town to continue recycling on a limited basis, the Committee does not recommend moving forward at this time because of the following concerns:

a. Limited items will be accepted meaning that persons that come to the site will either drop off the other and the Town will have to handle it or have to drive to the Landfill or Waggy’s Creek to dispose of the remaining items.

b. Much of the “cardboard” for households is actually paperboard so the Cardboard dumpster will get limited use or there will be a large amount of unacceptable paperboard disposed of at the unit.

c. The “snappy” unit has two large circular disposal areas that allow a person to dispose of #2 plastic and aluminum cans; the fear is that more than what is permitted will be disposed of in this unit unless the Town has a full-time person supervise the site.

d. The Town will need to fence the unit to restrict access in hours the unit is not manned.

e. The Town would need to adopt an ordinance against dumping of trash with a significant penalty to prevent unauthorized disposal. This ordinance will be difficult to enforce unless a surveillance system is installed.

It was the consensus of the Committee that until curbside recycling can be reinstated at level that recycles a sufficient number of items and is affordable that the Town not proceed at this time.

7. Mill Street project. Staff updated the Committee on work to complete the plans, which is expected by the end of April. Once the plans are complete, and prior to sending them to VDOT for approval, a meeting will be scheduled with those residents impacted by the project to advise them of the plans and give them an opportunity to ask questions.

Staff still expects Verizon to relocate their lines late this summer or fall. The anticipated bid date is February 2020, with construction to begin in March 2020.