

Issue Analysis Form

Date: October 27, 2020

Item: Work Session - Utility Projects Update

Lead Department: Engineering & Utilities

Contact Persons: Frank Haltom, Director



Description and Current Status

Staff will provide an update on the following capital projects:

1. Appomattox River Water Intake Permit – Comments were received from Virginia Marine Resource Commission (VMRC) to include a requirement to perform hydrodynamic modeling. Staff and their consultant have meet with VMRC to refute this requirement. VMRC has required this model to determine if this location can be approved without harming the fish habit and other environmental concerns. The only recourse available is to petition the commission in hopes they would remove this requirement. However, the commission is not likely to rule against the recommendations of their staff and consulting agencies. This modeling effort is expected to cost approximately \$100,000 and would take up to four months to complete. The effort would be completed by Virginia Institute of Marine Science (VIMS). We are currently waiting on proposal from VIMS to perform the model. There may be an opportunity to reduce this cost significantly by partnering with Chesterfield to pay VIMS to perform this task.
2. Wastewater options for future sewer capacity needs – Two preliminary engineering reports (PER) are underway to evaluate the options to address the future wastewater capacity needs for the Southpoint Business Park and the County. One option is the construction of a wastewater treatment plant (WWTP); and the other option is the extension of the wastewater infrastructure to the Hopewell Wastewater Treatment Facility. The PERs will determine the land requirements, preliminary site layout, treatment alternatives, projects costs, potential funding alternatives, and likely project schedule to construct the new infrastructure. It is anticipated the PER for the Hopewell option will be completed by mid-December. The PER for the WWTP will be completed by January 2021.
3. Route 460 Water line Extension – An update will be provided at the BOS meeting. Information from the contractor relative to the schedule has yet to be determined at this time. This is primarily due to not receiving the necessary easements from two key properties for the contractor o begin work.
4. Route 156 Water line Extension – The project has been awarded to Perkinson Construction. The easements required for work to begin are anticipated to be in place by the end of November allowing Perkinson to begin construction in December. An further update regarding the schedule of work will be provided at the BOS meeting.
5. Temple Avenue Tank & Booster Station - Preliminary Engineering Report has been completed. A new 1-million-gallon tank and booster station would provide the needed water capacity to serve the Southpoint business park and utilize the current allocation of 2.69 MGD from AWRA. The new facilities would be located in the vicinity of the Temple Ave and River Road intersection. Timmons Group is currently surveying the anticipated route on the new water line and the location of

new tank and booster station. County staff is negotiating the purchase of property to locate the new tank and booster station.

The Government Path

- Does this require IDA action? Yes No
- Does this require BZA action? Yes No
- Does this require Planning Commission action? Yes No
- Does this require Board of Supervisors action? Yes No

Board Action Requested:
Receive the update.

Fiscal Impact Statement

None

Prince George County Impact

None

Notes

None.