

Project Name: Sewage Disposal Systems Adjacent to Publicly-Owned Surface Water Supplies – Proposed Ordinance

<u>Current Situation</u>	<u>Proposed End State</u>
<ul style="list-style-type: none"> Sec. 25-165 of County Code regulates the “Type, Capacity and Location, Etc.” of on-site sewage disposal systems. The County’s publicly-owned surface water supplies are subject to various types of contamination from surface water run-off and groundwater sources. On-site sewage disposal systems present a significant potential source of contamination and the most common and effective methods to address such potential are to either provide public sewer or increase the setbacks of such systems from wells and/or surface water supplies. 	<ul style="list-style-type: none"> Require increased setbacks for on-site sewage disposal systems to provide additional protection to publicly-owned surface water supplies. Proposed Ordinance would establish a setback of 200 feet and such distance is consistent with requirements of similar ordinances throughout Virginia. Ordinance Amendment to provide such increased setbacks would apply only to the sewage disposal systems and related components and would not otherwise affect the uses permitted on a given parcel of land.
<u>Request for the Board of Supervisors</u>	<u>Benefits to the County</u>
	<ul style="list-style-type: none"> Ability to provide additional protection of publicly-owned surface water supplies from potential sources of ground and surface water contamination from on-site sewage disposal systems and related components.



Smart Scale Round 3 Update

March 5, 2019

- Staff has recently learned that FAMPO and VDOT are working on a scenario(s) to help fund three Smart Scale projects in the Fredericksburg District that did not score high enough to receive Smart Scale funding.
- These three projects are Route 1 / Enon Road Intersection and Roadway Improvements in Stafford County, I-95 Off-Ramp Improvement to Route 3 in the City of Fredericksburg, and Harrison Road and Salem Church Road in Spotsylvania County.
- How would this happen? Stafford County would first need to agree and support by Resolution that the ~ \$5M in SmartScale funding awarded to the new commuter parking lot on Route 3 be removed and made available to help fund these three other projects.
- FAMPO and VDOT would then need to identify the remaining funding needed to fully fund the three projects beyond the \$5M available from the Commuter lot. Possible sources of funding include FAMPO CMAQ/RSTP, additional Smart Scale funding, and additional State funding outside of SmartScale.
- As part of this regional agreement, the County is being asked to reinstate a previous \$1.578M Revenue Sharing allocation on Route 1 / Enon Road project. The County would need to allocate \$789,000 in Transportation Impact Fees to cover the required 50% local match. This Revenue Sharing allocation was previously removed from the project as part of the SmartScale application.
- The County has been requested to reduce the Smartscale project scope to end at Stafford Indians Lane instead of Beauregard Drive (Phase I). A reduction in scope will allow this project to move forward as a SmartScale candidate with future phases including improvements down to Beauregard Drive in the near future.
- Recent cost estimates have shown likely increases in the project costs. Staff is estimating the cost of Phase I to be \$10.6M. With an additional \$1.578M on this project, the total allocation is approximately \$7.7M between Federal, State, and Local funds. There is a remaining amount of approximately \$2.9M needed to full fund this project. This is the targeted amount to be funding with the potential SmartScale funding from the Commuter Lot project.

○ RSTP	\$619,552
○ CMAQ	\$3,872,017
○ Revenue Sharing	\$789,000
○ Rev Sharing Local Match	\$789,000 (additional above the proposed SmartScale app)
○ Fuels Tax	\$50,000
○ Impact Fees	\$1,500,000
○ <u>SmartScale Funding Needed</u>	<u>\$3,000,000</u>
○ Total	\$10.6 M

- The FAMPO Policy Committee will be considering a vote on this action at its March 18, 2019 meeting in order to provide a resolution to the CTB for their April 9-10th meeting. The Board will need to take action on a resolution to support the move in SmartScale funding and commit to the additional local match at the March 19th Board Meeting.
- Staff requests that the Infrastructure Committee consider recommending this to the full Board for action on March 19th either on the consent agenda, or as new business with action as Time Sensitive.



.expresslanes



95 Express Lanes - Fredericksburg Extension

Bridge replacements – Truslow Road Bridge and American Legion Road Bridge

Fredericksburg Extension of the I-95 Express Lanes



- The Fredericksburg Extension (Fred Ex) project will extend the existing 95 Express Lanes south another 10 miles along the I-95 median. The extension will span from the current end of the Lanes, just past Route 610 in Stafford County, to the vicinity of Route 17.
- The project will include new access points to the existing 95 Express Lanes, construction of new ramps for access to Quantico and Old Courthouse Road, and the addition of seven new bridges.
- Construction is scheduled to begin in Spring 2019 and slated to open in late 2022. When completed, the extension will operate together with the future 395 Express Lanes as a single, fully-integrated Express Lanes corridor between the Potomac and Rappahannock Rivers.

Bridge replacements

Truslow Road Bridge

- Lengthen bridge to accommodate future I-95 southbound widening
- Eliminate pier to construct 95 Express Lanes

American Legion Road Bridge

- Lengthen bridge to accommodate I-95 southbound realignment
- Eliminate pier to construct 95 Express Lanes

Proposed closings and detours

Only one bridge allowed to be closed at a time

Bridge closures limited to 9 months maximum per bridge

Truslow Road Bridge

- Traffic to use Plantation Drive and Route 17 as detour
- Bridge closure effective fall 2019
- Reopens summer 2020

American Legion Road Bridge

- Traffic to use Centreport Pkwy and Route 1 as detour
- Bridge closure effective late summer/early fall 2020
- Reopens late spring 2021

Dates are based on the initial project baseline schedule as of 2/28/19

Detour Plan for Bridge Closures Truslow Road and American Legion Road



Next steps

Brief government officials/agencies

- Stafford County School Board
- Members of Virginia Legislature

Coordinate with local operational entities

- Stafford County Public Schools Transportation
- Stafford County Fire and Rescue
- Stafford County Sheriff's Office
- Virginia State Police

Future efforts (Summer of 2019, Summer 2020)

Share overall plan for Fredericksburg Extension and provide up-to-date information on upcoming detours.

Community outreach to:

- Civic Leagues
- Community Groups
- Businesses
- Impacted schools



Fredericksburg

Stafford County Board of Supervisors March 05, 2019 VDOT Transportation Briefing

Supervisors:

- Hartwood, Gary Snellings – Chair
- Garrisonville, Mark Dudenhefer – Vice Chair
- Falmouth, Meg Bohmke
- Aquia, Cindy Shelton
- George Washington, Tom Coen
- Griffis-Widewater, Jack Cavalier
- Rockhill, Wendy Maurer

Construction Projects:

- **I-95/630 Interchange & Roadway Widening**
 - Project will relocate the exit 140 interchange slightly to the south with a new diverging diamond interchange.
Project also relocates the Int. of Courthouse Rd & Rte. 1 to the south to align with Hospital Blvd.
In addition, courthouse Rd. will be widened to four lanes from Rte. 1 to just west of Ramoth Church Rd.
 - Design build project awarded to Shirley Contracting and Dewberry
 - Clearing work towards Hospital Blvd. underway
 - Bridge deck pours are complete
 - New signs to replace current faded signs have been ordered
 - Fixed Completion date for the project is July 2020
- **I-95 SB Rappahannock River Crossing**
 - This project seeks to reduce I-95 SB congestion by adding three new SB lanes in the median from just north of exit 133 (Rte. 17) to just south of Exit 130 (Rte. 3). The existing SB lanes will be converted to CD lanes for local traffic.
 - Contract awarded to Wagman Heavy Civil
 - Clearing/grading in median north of Rte. 17 to begin in mid March
 - Rte. 17 right lane closures in place to allow construction of new GP Bridge.
 - Closure to remain in place thru 2021
 - Scheduled project completion is currently 2022

Preliminary Engineering:

- **I-95 NB Rappahannock River Crossing**
 - I-95 NB Rappahannock River Crossing project seeks to reduce I-95 NB congestion between the Exit 130/Route 3 interchange in Fredericksburg and the Exit 133/Route 17 interchange in Stafford County.
While the project is still under design, most of the project's features are anticipated to be built from just south of Exit 130 to just north of Exit 133.
 - Design Build procurement this spring
 - Overnight lane closures occurring now to allow for preliminary survey and geotechnical activities
 - Citizen information meeting held at James Monroe high School on January 30
 - Estimated project completion is currently 2023
- **I-95 Fred Ex – Hot Lanes Extension**
 - This project will extend I-95 Express Lanes approximately 10 miles south of Route 610 (Garrisonville Road) in Stafford County to the vicinity of Route 17 (I-95 Exit 133).
Two reversible high-occupancy toll lanes will be built in the existing median of I-95. The lanes will connect to the I-95 SB Rappahannock River Crossing project and the I-95 NB Rappahannock River Crossing project.
 - Public Hearings held September 25, 2017 at Stafford High School
 - Interchange Justification Report has been completed
 - Overnight lane closures occurring now to allow for preliminary survey and geotechnical activities
 - Tree cutting this spring/summer
 - Estimated completion fall of 2022
- **Rte. 3 - Chatham Bridge superstructure replacement**
 - Preliminary engineering work is underway to replace the superstructure of the Chatham Bridge, which is located on Route 3 Business and connects Stafford County and the City of Fredericksburg. The bridge spans the Rappahannock River.
The current bridge was built in 1941 and carries 16,000 vehicles a day. It has four travel lanes.
The bridge requires maintenance and a new superstructure to improve its condition.
 - RW acquisition scheduled to begin May 2019
 - Advertise for Construction early 2020, with a scheduled completion of 2022
 - Bridge to be closed during construction