

DEPARTMENT OF PUBLIC UTILITIES  
COUNTY OF GOOCHLAND  
1800 Sandy Hook Road  
P.O. BOX 119  
Goochland, Virginia 23063



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February 15, 2023

RE: Notification of Construction Activities  
Eastern Goochland Sewer Force Main Replacement Project

Dear Resident,

This letter is to inform you that construction activities for the Eastern Goochland sewer pipeline replacement project will soon begin. The construction contract for this project was awarded to Spiniello Companies in December 2022. A tentative schedule for this work is listed below. Also below is a brief background of this project, a general description of what construction will look like, and how it may impact the surrounding areas.

Attached to this letter is a map showing the anticipated construction timelines as they relate to the project alignment and location. It should also be noted that the current construction schedule is subject to change throughout the course of the project due to weather or other unforeseen conditions.

*Project Background*

After the Eastern Goochland Force Main ruptured along the River Road corridor in July of 2021 causing the spillage of raw sewage in the vicinity of River Road and Tuckahoe Creek, Goochland County DPU immediately contracted Dewberry Engineers to perform a hydraulic analysis on the pipeline and provide a Preliminary Engineering Report (PER) detailing recommendations on improving the pipeline to prevent future incidences. As a result, it was recommended that the first two miles of the pipeline be replaced, from Patterson Avenue to where the pipeline crosses Tuckahoe Creek along the west side of the Randolph Square neighborhood.

Subsequently, Dewberry Engineers developed construction drawings and specifications for the project. Construction bids were received in November 2022, resulting in a contract award to Spiniello Companies at the December 2022 Board of Supervisors meeting. Construction is expected to begin in March 2023 with substantial completion anticipated by March 2024.

*Construction Methods & Description*

The majority of this pipeline replacement project will be constructed with a trenchless construction method called sliplining, which consists of inserting a slightly smaller pipeline through an existing pipeline. Specifically for this project, a 42" high-density polyethylene (HDPE) pipeline will be installed through the existing 48" pipeline. Using this construction method, large portions of the pipeline can be replaced with little to no disturbance to surface features. However, some trench excavations will be necessary to access the existing pipeline and to install new pipe where the existing pipeline has sharp bends and turns; these excavations have been planned strategically to minimize impacts to most private

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property and local area transportation as much as possible. Please know that excavations and/or surface disturbances will be restored to existing conditions upon project completion.

Throughout the project, you may see heavy equipment and support vehicles moving along the pipeline alignment. Heavy equipment will include construction machinery such as excavators, dump trucks, compactors, vacuum jetter trucks, HDPE fusion machines, and sliplining push/pull equipment. You may also notice long segments of pipeline strung along the project alignment before they are inserted through the existing pipeline. For more information on sliplining, visit Spiniello's website at <https://www.spiniello.com/services>.

### Project Schedule

Below is the anticipated, abbreviated project schedule as provided by the contractor. The full detailed schedule may be viewed on the project website at <https://www.goochlandva.us/1225/Eastern-Goochland-Pump-Station-Force-Mai> or by scanning the following QR code with your mobile device:

- Phase 1 – February 2023\* through August 2023
- Phase 2 – February 2023\* through January 2024
- Phase 3 – February 2023\* through March 2024
- Substantial Completion – March 2024
- Final Restoration and Project Completion – April 2024



\*Site preparation, alignment staking, and erosion and sediment control measures will begin well in advance of excavations and sliplining work.

We appreciate your cooperation and patience throughout this critical infrastructure project and completely understand the short-term impacts it may have in your area as this work is completed. If you have any questions or concerns regarding this project, please contact our office at (804) 556-5835 or email us at [utilities@goochlandva.us](mailto:utilities@goochlandva.us).

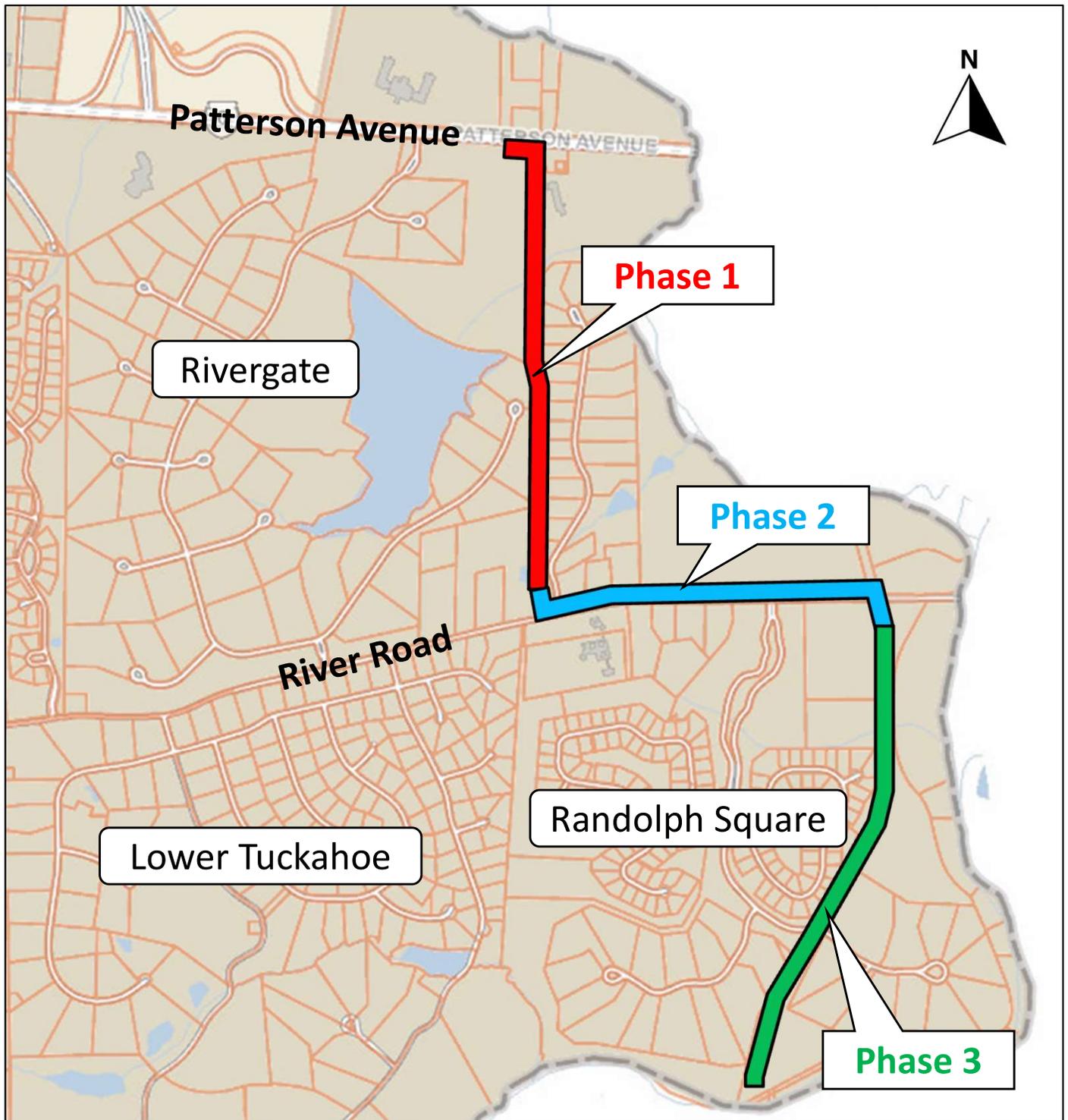
Sincerely,

A handwritten signature in blue ink that reads "Matt Longshore".

Matt Longshore, PE  
Director of Public Utilities

Cc: Krystal Onaitis, Deputy County Administrator  
Vic Carpenter, County Administrator  
Ken Peterson, Board of Supervisors, District 5

# EGFM Replacement Project – Phase & Schedule Map



## Notable Dates

| Activity  | Phase 1               | Phase 2               | Phase 3               |
|---|-----------------------|-----------------------|-----------------------|
| Construction Access Installation                | Feb. 2023 - Apr. 2023 | Feb. 2023 - Apr. 2023 | Feb. 2023 - Oct. 2023 |
| Erosion and Sedimentation Controls Installation | Feb. 2023 - Apr. 2023 | Apr. 2023 - Oct. 2023 | Apr. 2023 - Jan. 2024 |
| Pipeline Construction                           | Apr. 2023 - Aug. 2023 | Apr. 2023 - Jan. 2024 | Jan. 2024 - Mar. 2024 |