



theRippleEffect

VIRGINIA BEACH FLOOD PROTECTION PROGRAM

Southern Rivers Watershed





- 1 Pungo Ferry Road Improvements

- 2 Sandbridge Road/
New Bridge Road
Intersection
Improvements

- 3 West Neck
Creek Bridge

LOCATION MAP



West Neck
Creek Bridge

Sandbridge Road /
New Bridge Road
Intersection
Improvements

Pungo Ferry Road
Improvements

1

3

2

Fentress Airfield Rd

Land of Promise Rd

Pungo Ferry Rd

Pungo Ferry Rd

West Neck Rd

West Neck Rd

Sandbridge Rd

Sandbridge Rd

West Neck Rd

West Neck Rd

West Neck Rd

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West Neck Rd

2D

Pungo Ferry Road Improvements



Raise Pungo Ferry Road from Blackwater Road to the west side of the Pungo Ferry Road Bridge approach, approximately 2 miles



TOTAL ESTIMATED PROJECT COST:

\$11.5M

CONTRACT TYPE:
Design-Bid-Build or
Design-Build*

* Planned delivery method to be determined. See www.VBGov.com/RippleEffect for updates.

Anticipated Procurement Timeline*



* Anticipated timeline as of 4/21/2022 but subject to change. See www.VBGov.com/RippleEffect for updates.

Sandbridge Road/New Bridge Road Intersection Improvements



- Raise the intersection of Sandbridge Road and New Bridge Road
- Add a large box culvert under New Bridge Road for water to pass to Ashville Bridge Creek

TOTAL ESTIMATED
PROJECT COST:

\$8M

CONTRACT TYPE:
**Design-Bid-
Build***

Designer
Selected

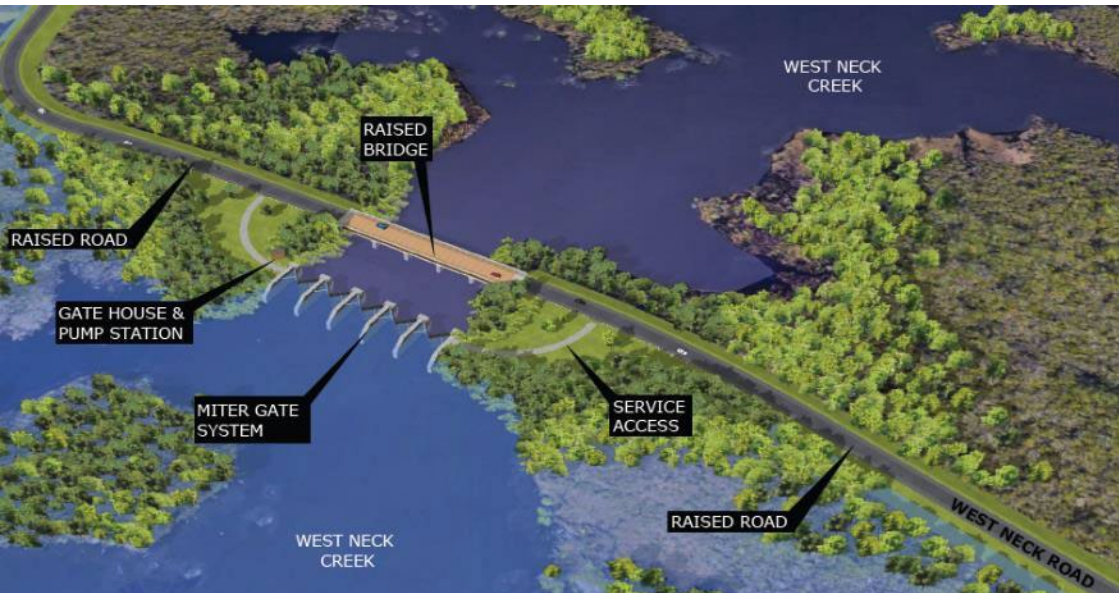
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Anticipated Procurement Timeline*



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West Neck Creek Bridge



- New bridge
- Series of in-water miter gates spaced with the bridge piers
- Earthen levees to tie into West Neck Road
- West Neck Road raised at the new bridge
- Gate house and pump station

TOTAL ESTIMATED PROJECT COST:

\$69M

CONTRACT TYPE:
Design-Bid-Build or
Design-Build*

* Planned delivery method to be determined. See www.VBGov.com/RippleEffect for updates.

Anticipated Procurement Timeline*



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