

Purpose of project

The Aragona neighborhood is located within the Lynnhaven River Watershed and has had a history of flooding concerns due to an undersized stormwater system. The Aragona Drainage Improvements project will improve drainage in this neighborhood with the installation of larger storm pipes along Aragona Boulevard and Overman Avenue.

Stormwater draining from roadways and impervious surfaces contains pollutants that flow to the Lynnhaven River without treatment. Water quality improvements will be made to support local water quality associated with the Lynnhaven River.

How the project improves water quality

A stormwater facility will be installed to treat stormwater from roadways and other impervious surfaces. The stormwater management facility will consist of an underground structure, which will remove trash and sediment containing phosphorous from stormwater. The treatment system will remove pollutants through a circular vortex and sediment collection structure, as depicted in the figure below

- Vortex system and sediment collection structure



Quick Facts

Project cost

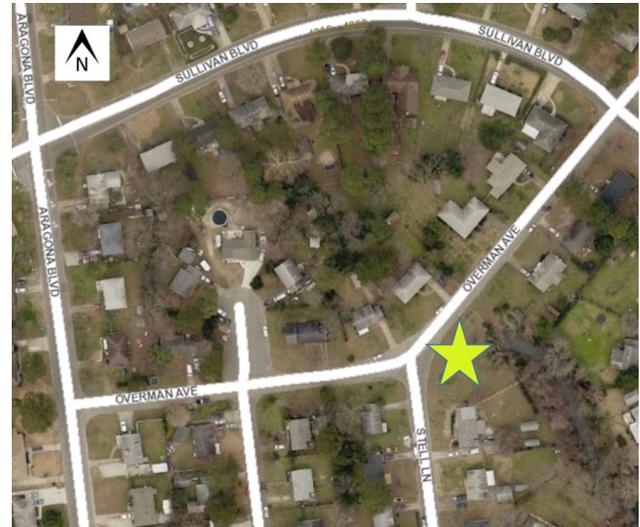
<u>Construction:</u>	\$150,000
Total	\$150,000

Project schedule

Design:	12/2018 - 11/2019
Construction:	06/2020 - 01/2022

Project pollutant removal benefits

Total phosphorus removal:	45.96 lbs/year
Total nitrogen removal:	0 lbs/year
Total suspended solids removal:	45,415 lbs/year



Current status of project and next steps

The project design has been completed with the Aragona Drainage Improvement project. Construction has begun on the project, and is anticipated to be completed in 2021.

Contact Information

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