

SD8473 – Belvedere Neighborhood Stream Restoration

Project Description:

This project includes stream restoration and open drainage maintenance for a portion of the Smith Branch watershed which includes the Belvedere Neighborhood. The Belvedere Neighborhood has a history of excessive erosion and open drainage vegetation issues. The City is pursuing a design to address targeted areas of the open drainage system.

Objectives:

This project aims to improve portions of the open drainage system in the Belvedere community by stabilizing stream banks to reduce erosion, and by clearing vegetation to allow for improved drainage. Additionally, this project is expected to bring a water quality benefit to Bay Branch, a tributary of Smith Branch.

Project Type:

Stream Restoration and Stabilization

Council District:

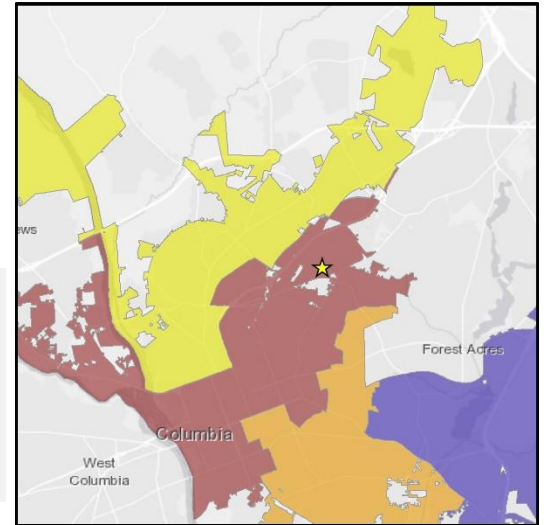
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Project Funding:

This project is being funded through the City's Stormwater Bond Program. The rough project cost estimate is \$3 Million. A more refined construction cost estimate will be developed during the design phase.

Project Status:

The City has engaged AECOM to provide professional engineering services for this project. AECOM has completed field data collection and produced conceptual project plans. Design plans are nearing completion, and the City is in the process of acquiring easements from impacted property owners to allow the work to move forward.



Project Contact:

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Project webpage:
<https://columbiawater.net/capital-improvement-projects/>



Significant bank erosion and private property loss



Failed bank stabilization with riprap



Belvedere Neighborhood Stream Restoration

Attachment A of Exhibit A

Columbia, South Carolina



1 inch = 600 feet
0 300 600 Feet

Major Roads

Stream Restoration Area
Stream Maintenance Area

Columbia City Limits
Project Location

