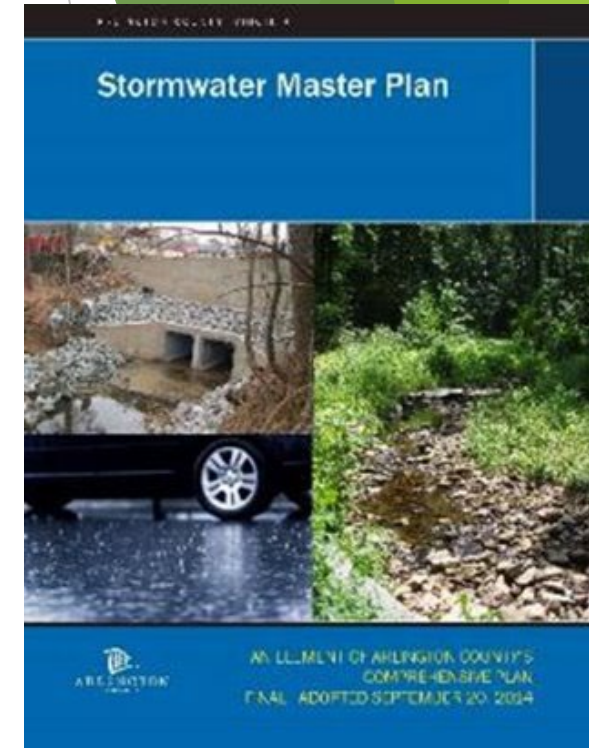


Gulf Branch Advisory Group Re-Engagement: Project Goals

What are the goals of the Gulf Branch project?

- ▶ Create a stable stream channel to accommodate storm flows, address active erosion and create overall resiliency to climate change
- ▶ Repair and protect vulnerable exposed infrastructure and prevent sewage releases to the stream and repeat emergency repairs
- ▶ Reduce excess sediment and nutrients being transported downstream to help protect Potomac River and Chesapeake Bay and meet regulatory requirements
- ▶ Enhance habitat and reduce impact to existing high-quality habitat
- ▶ Increase public safety and access to stream for recreational purposes

Implement Stormwater Master Plan (2014) Strategy 3: Restore Stream Corridors



May 23 and June 9, 2022

Change in Scope

- ▶ Scope change to limit stream work to the areas upstream of Military Road
- ▶ Two reasons for the change: To reduce project impacts and budgetary pressures. Majority of tree removals would have been in areas downstream of Military Road.
- ▶ With no sanitary sewer pipes or other infrastructure downstream of the pump stations, the costs of inaction are lower in those stream sections.
- ▶ We can still expect ongoing erosion and tree loss along the banks as the stream continues to widen to accommodate large stormwater flows.
- ▶ Outfall erosion will be addressed separately through other access points.

Map of Area with Numbers



1

2

3

Main Stem

Nature Center



Green Streets

Outfall erosion,
to be addressed
in the future

Outfall erosion,
to be addressed
in the future

Outfall erosion,
to be addressed
in the future

Decision Points Going Forward

- ▶ Excess Runoff on Broyhill Park Slope. Preferred Option: Regrading, redirecting runoff, and stabilized and controlled flow path
 - ▶ Also considered additional grate inlet
- ▶ Floodplain Bench at GB Nature Center - Preferred option is to include it.
- ▶ Green Streets: Currently assessing feasibility for multiple green street bioretention projects downstream of Military Road.
- ▶ Finalizing construction entrances, stockpile areas



Floodplain bench. Typical width: 5-15 feet

- More stable, connected channel
- More habitat benefits

Public Process

Summer
2019: Pre-
Design
Open
House

Fall 2019:
Public
Meeting
Draft Concept
Design

March
2020-22:
Project Pause

2022-23:
Develop draft
final design,
seek input,
permitting,
procurement

2024-26:
Construction

Next Engagement, Contact Info

Community Meeting - Virtual/Online
Wednesday, June 22 at 6:30 p.m.

<https://www.arlingtonva.us/Government/Projects/Project-Types/Environment-Projects/Gulf-Branch-Stream-Project>

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