



Agenda Item Summary Report

Meeting Date: November 10, 2025	Submitted by: Michelle Bailey-Hedgepeth, Town Administrator
Item Title: Council Presentation Flood Mitigation Project: Edmonston Channel and Quincy Run – Public Outreach – November 2025 Update	
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Work Session Item [X] Council Meeting Item [X]	Documentation Attached: Report
Recommended Action: This report is for the Council and residents regarding the recent updates and work completed by the Clean Water Partnership and the Planning document.	
Summary: DPW&T, the Clean Water Partnership (CWP), and the Town of Bladensburg signed an agreement in May 2024 that utilized ARPA funds to initiate the Public Outreach and overall planning process. This process is complete, and a draft report was provided in late September 2025.	
Flooding Risk Assessment & Technical Analysis Update	
The CWP engineering team presented a comprehensive Flooding Risk Assessment and Technical Analysis for the Edmondson Channel and Quincy Run watersheds. Using advanced two-dimensional modeling validated against August 2022 storm data, the study identified 29 structures at risk during 100-year storm events and 12 during 10-year events, with flooding impacts along Quincy Run between 55th and 52nd Avenues. Field surveys revealed several undersized culverts and bridges, notably at Varnum Street, Taussig Road, Taylor Street, Spring Road, and 56th Avenue, creating significant flow restrictions. The model anticipates higher rainfall intensities (up to 25% increases) under future climate projections, necessitating an expansion of drainage capacity.	
The proposed Edmondson Channel Multi-Phase Implementation Strategy includes downstream storage creation, new storm inlets, and a modified weir system to manage increased runoff. Subsequent phases feature culvert replacements, beginning with a twin-box design at Barnum Road, and a complex curved culvert alignment to eliminate bottlenecks without property acquisition. Concurrently, the Quincy Run Restoration Plan will restore 1,800 linear feet of stream, construct a 5-foot flood wall and pump station for condominium protection, and expand bridge capacity at 55th Avenue. These combined efforts will add two acre-feet of stormwater storage and enhance flood resilience for affected multifamily areas.	
The total estimated investment is \$41.2 million, including \$29.7 million for Edmondson Channel and \$11.5 million for Quincy Run. Funding will involve a combination of state and federal earmarks, grants, and phased capital programming, with immediate attention to smaller “quick-win” improvements to show early community benefit.	
Next steps include preparing a public presentation and executive summary for legislative and community review, refining design plans based on feedback, and coordinating partnerships with relevant agencies and utilities for phased implementation.	
Joanna Smith will be present to answer any questions on the project.	
Budgeted Item: Yes [] No [] Budgeted Amount: One-Time Cost: Ongoing Cost:	Continued Date:
Council Priority: Yes [] No []	Approved Date: