

Richmond DPU: City Improvement Projects

Job: McGuire and Chapel Drive Drainage Improvements Project - Phase 1 and Phase 2

Location: McGuire & Chapel Dr; Legion, Bundy, Hollister, Richeson & Evert Ave; Hopkins Rd

Project Introduction

This project was initiated as a result of the routine flooding occurrences in the neighborhood bounded by McGuire Drive, Chapel Drive, and Hopkins Road.

This 8th City Council District neighborhood previously included inadequately-sized drainage swales and lacked stormwater infrastructure. The project remediated ponding and standing water in the project area and provides better drainage through the installation of valley gutters, drain inlets, and buried stormwater pipes and infrastructure throughout the neighborhood.

Due to the large project area, construction activity was phased. Construction was completed in November of 2025.



Project Schedule

Project Assignment: Hazen

Survey & Preliminary Design: Completed for Phase 1 and Phase 2 (Hazen)

Engineering Design: Completed for Phase 1 and Phase 2 (Hazen)

Construction Assignment: Completed August 2022 through November 2025 (TUCI)

WHAT HAPPENS NEXT:

Streetlight Impacts and Paving:

During Phase 2 of construction, in coordination with Dominion Energy, utility poles were relocated along Chapel Drive, Legion Avenue, and on McGuire Drive between Chapel Drive and Legion Avenue.

This work began in July of 2024 to make room for the new valley gutters, drain inlets, and buried stormwater pipes and infrastructure installed throughout the neighborhood as part of this project.

Relocations and final roadway restoration will be completed following the McGuire and Chapel Drive Drainage Improvements Project's completion.

We apologize for the inconvenience and greatly appreciate your patience.

Project Benefits:

Phase 1 and Phase 2 of the McGuire and Chapel Drive Drainage Improvement Project remediated ponding and standing water in the project area and provides better drainage through the installation of valley gutters, drain inlets, and buried stormwater pipes and infrastructure throughout the neighborhood.

This project received funding from the Virginia Community Flood Preparedness Fund Grant Program through the Virginia Department of Conservation and Recreation (DCR), via CFPF-21-01-15-S.

These Virginia Community Flood Preparedness Funds provided \$1,100,000.00.

Additionally, construction for Phase 2 of the McGuire and Chapel Drive Drainage Improvement Project was funded, in part, by \$8,736,487.96 of American Rescue Plan Act funds.

Construction was completed on schedule in November of 2025.

For questions, comments, or concerns specifically about any of these projects, please contact:

Name: Bill Boston

Title: Capital Improvement Program Manager

Company: Department of Public Utilities - Stormwater Utility

Phone: 804.646.8161

Email: william.boston2@rva.gov



Learn more at RVAH2O.org

