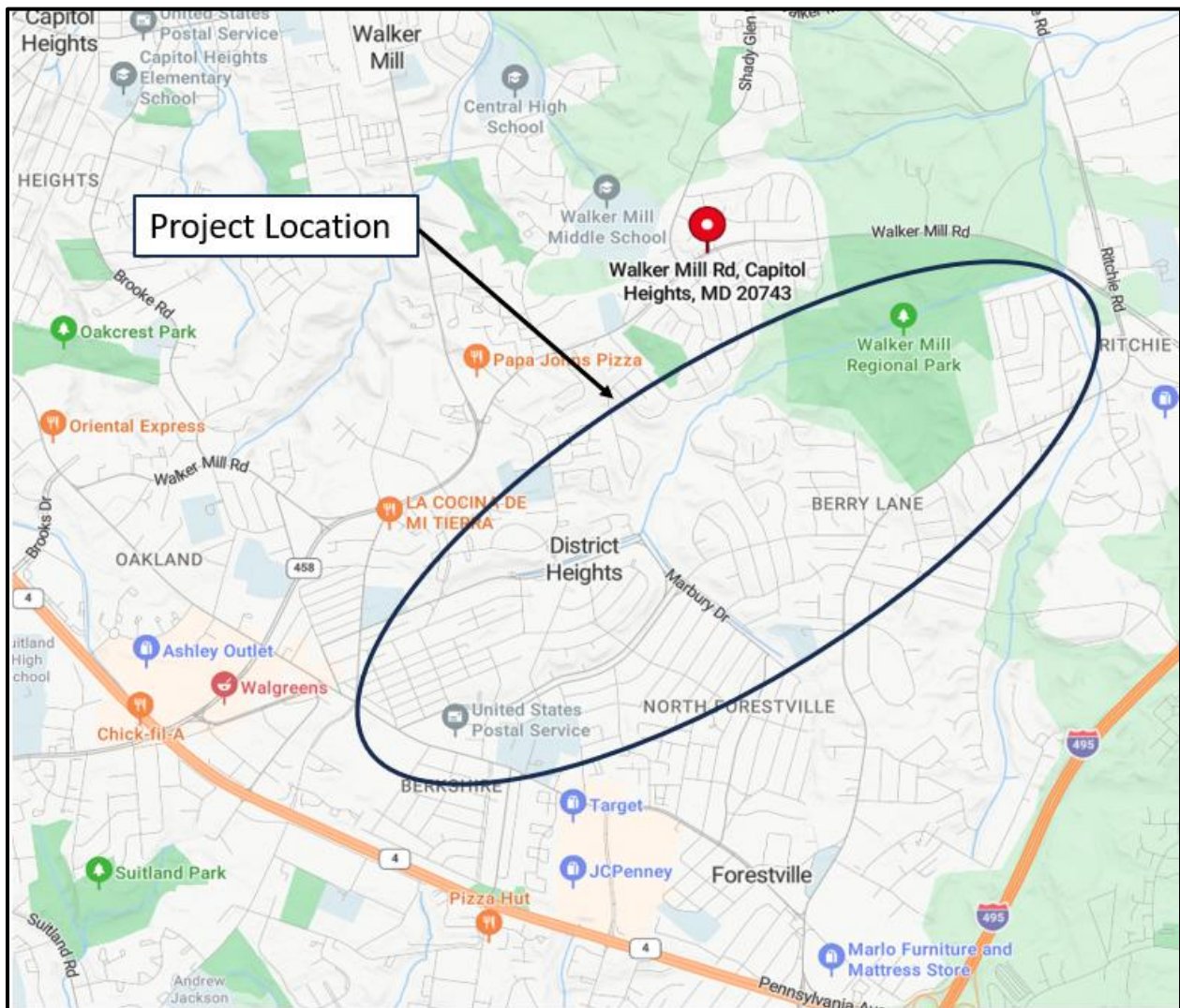


Western Branch Capital Heights Sewer Replacement/Rehabilitation April 2024



Project Summary

This project is in the Forestville neighborhood of District Heights in Prince George's County Maryland. The wastewater collection system in this community is over 75 years old and is in a deteriorating condition. The sewer system has defects such as surface spalling of the concrete within the sewer mains, pipe joints suspected of failing, intrusion of tree roots through pipe cracks and joints, and accumulation of grease and other deposits of debris. This rehabilitation is required to maintain the required level of service to the customers and to prevent potential hazards to human health and the environment to mitigate against sewerage overflows. Additionally, over the years, the streams have changed course and the stream channels have deepened to the point that sewer mains and manholes that once were on dry land, are now exposed within or along the sides of the streams. These sewer mains are difficult to access since they are located along the stream valleys, adjacent to waterways and within environmentally sensitive areas.



Project Description

This project involves the rehabilitation and replacement of approximately 12,148 LF (2.30 miles) of sewer mains, sixteen (16) manholes, 60 LF of sewer house connections, and sewer services reconnections. The project will also entail relocating, protecting and covering the exposed sewer mains and manholes and constructing streambank stabilization to prevent the severe stream erosion that has occurred from happening in the future. As with all projects located within the Environmentally sensitive areas, WSSC Water must abide by all Federal, State and Local environmental regulations which require specialized construction access roads that will minimize the disturbance to the woodlands and vegetation.

This project serves 4190 residential customers and 127 commercial customers within a designated Environment Justice Area (EJA).

Estimated Construction Cost: \$8.2M



