

Jefferson Park Sound & Retaining Wall

Fairfax, VA



Project Description: As part of JPI's new Jefferson Park townhouse development at the intersection of Route 50 & I-495 both sound and retaining walls were required to meet grade considerations and control noise from the adjacent interstate highway. To maximize land use adjacent an integral soundwall and retaining wall was developed. The lower portion of the wall incorporates reinforced concrete panels and galvanized steel posts placed on 8-foot centers to retain the earth. The upper portion provides special aerated concrete panels designed to control noise and span 16 feet. The walls were designed to meet VDOT sound wall design standards and were approved by Fairfax County. The wall was constructed in the fall of 2000.

Owner & Developer: JPI, Vienna, VA

Geotechnical Engineer: Engineering Consulting Services, Ltd., Chantilly, VA

Wall Designer: GeoStructures, Inc. Leesburg, VA