PROJECT OVERVIEW AND CHALLENGES

This project involved the construction of two tunnels, totaling 450’. The tunnels passed under Maryland State and Howard County roads on three phases of Howard County's Little Patuxent Parallel Interceptor project. 59” of jacked steel casing was used to install 42” fiberglass reinforced carrier pipe for a gravity sewer. Subsurface conditions ranged from alluvial deposits of gravel and cobbles to residual soils to mixed face conditions to 25,000+ psi rock. The tunnels were below the groundwater table.