



CONSTRUCTION SERVICES

MISSION-READY SOLUTIONS. BUILT FOR COMPLEX ENVIRONMENTS.

Baltimore-Washington International Airport

Conducted construction inspection services for the Pier A expansion portion of the multibillion dollar expansion of the fastest growing major airport in the nation. Provided up to five inspectors simultaneously on a 24-hour per day, 7-day per week basis.

Federal Highway Administration, Washington, DC: Mobile Concrete Laboratory and Mobile Asphalt Trailer Laboratories

Furnished technical assistance and engineering services to operate mobile laboratories that travel throughout the U.S. Providing nationwide workshops, equipment loan programs, and technical assistance in order to evaluate, showcase, and promote the use of innovative concrete and asphalt research products.

State Highway Administration, Districts 2, 3, 4 and 5, MD.

On these four contracts, provided full-time construction inspection services for various highway projects, including roadway widening, resurfacing, bridge deck repair, repair of piles, and construction of new bridges.

Central Artery/Tunnel Project, Boston, MA

PRD provided field engineering, including field project management, quality assurance, scheduling and claims analysis for the largest urban highway construction project in US history. From \$12 billion I 90/I 93 project. PRD provided up to 23 on-site personnel simultaneously from 1993 through 2006. Projects included tunnels, bridges, ramps, ventilation buildings retaining walls and utilities.

Chesapeake and Ohio Canal, National Park Service, Maryland

Reconstructed two portions of the historic C&O Canal that had been damaged during Potomac River flooding in the 1990s. Original materials that could be salvaged were photographed, labeled, and returned to their original configuration. Replacements were constructed using the same source materials and original fabrication methods were practical.

Columbia Heights Metro Station, Washington, DC.

Installed geotechnical instrumentation and provided QA for this \$80M construction project encompassing a subway station and connecting to existing railway lines from north and south. This project consisted of top down construction using slurry walls for lateral support of excavations of up to 90 feet deep, and 3-foot thick concrete roof slabs which allowed construction below grade and traffic on the busy 14th Street. Adjacent to the excavation were several buildings, including a 10-story structure and a medical clinic sensitive to public access.

SERVICES

- CONSTRUCTION INSPECTION
- HIGHWAY/BRIDGE INSPECTION
- PROJECT MANAGEMENT
- RESEARCH
- TECHNOLOGY TRANSFER

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