

# Laboratory Testing

SERVICES / GEOPROFESSIONAL



Amtrak Susquehanna River Rail Bridge



DC Water Clean Rivers Project

© COURTESY OF DC WATER

DAM AND LEVEE  
GEOPROFESSIONAL  
STRUCTURES AND FACILITIES  
TUNNEL AND UNDERGROUND  
WATER SUPPLY, CONVEYANCE,  
AND DISTRIBUTION  
CONSTRUCTION PHASE SERVICES  
ENVIRONMENTAL  
INFRASTRUCTURE MONITORING  
SERVICES (IMS)  
RISK

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Schnabel laboratories participate in accreditation and validation through the Cement and Concrete Reference Laboratory (CCRL) program, AASHTO re:source, and the U.S. Army Corps of Engineers. All laboratory testing staff have engineering education backgrounds and extensive knowledge in testing methods, equipment, and behavior of soil, rock, and other materials from training, practical experience, and professional development.

Our labs voluntarily participate in continuous, external quality-assurance programs conducted by federal agencies, which evaluate all aspects of our laboratories' quality—control system, including personnel, equipment, procedures, and policies.

The objective of geotechnical and materials laboratory testing is to measure the engineering characteristics of soil, rock, and building construction materials to provide parameters for geotechnical design, and to evaluate the quality of constructed materials for conformity with plans and specifications. For construction materials, the results include standard acceptance criteria, per AASHTO, ASTM, FHWA and other relevant specifications.