

Building Information Modeling (BIM)

SERVICES / TUNNEL AND UNDERGROUND



Quarry A Pumped Water Storage Reservoir

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

Schnabel has experience using building information modeling (BIM), which involves generating and managing digital representations of physical and functional characteristics of sites. Methods and strategies developed over the years, across a wide variety of infrastructure projects through all design and build phases, enable BIM to create transparency so contractors, clients, and owners can collaborate in real time.

One of the main advantages of digital transformation is the ability to implement asset digitization at any project stage, displaying the consequences and aftereffects over design-build phases. The asset digitization can start at each stage of the project, and also when assets are built by means of 2D traditional drawings.

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