

**Project Profile**

Auger Boring

Completion Date

September 2022

Installation Methods:

Auger Boring

Pipe Ramming

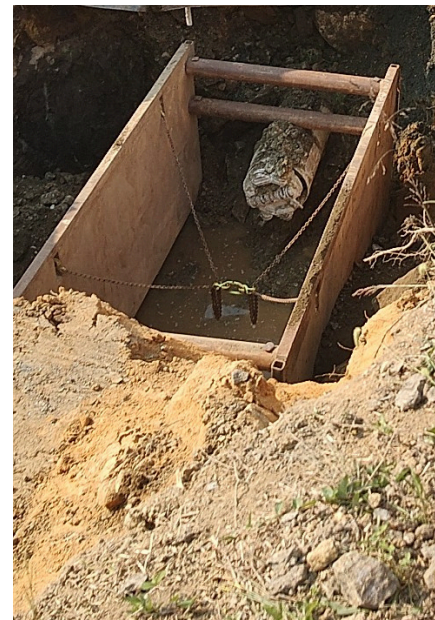
Guided Bore

Markets Served:

Oil & Gas

Project: BGE Granite Pipeline RFQ Bores**Location:** Gwynn Oak, MD**Project Details:**

The project involved eight trenchless crossings totaling 896 linear feet, installed using various auger boring techniques. AEI was responsible for the excavation and shoring of both launch and exit pits, which included substantial rock removal. At times, rock hardness exceeded 25,000 PSI, presenting significant excavation challenges. To navigate these conditions, a combination of trenchless methods was employed, including the use of Robbins Small Boring Units (SBUs), guided pilot systems, standard auger boring, and pipe ramming. The project name itself was a fitting reflection of the difficult and varied subsurface conditions encountered throughout execution.

Final Product: Installation of 30" Steel Main via Auger Boring Methods**Geology:** Soils, Boulders, Rock**Owner:**

Baltimore Gas & Electric

Engineer:

Baltimore Gas & Electric

Contractor:

Otis Minnesota Services

For More Information:

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Reference Job # 2121026