

STRUCTURES

DIVISION



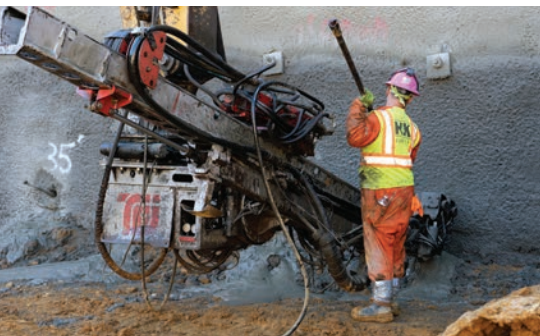
GEOTECHNICAL CONSTRUCTION SERVICES

Lehigh University SOE System Design

Location:
Bethlehem, PA

H&K Company:
Structures Division

Construction Manager:
Turner Construction



Client:
Northeast Site Contractors

Owner:
Lehigh University

Services Included:
• SOE System Design and Installation

Additional Project Features:
Design and install a Support of
Excavation (SOE) System for a 35+ FT deep,
excavated basement for Lehigh University's HST Building.

- Designed for a 300 Ton Crane Load 5 FT off the SOE
- 30,000 SF of Shotcrete
- 1,310 EA Hollow Bar Soil Nails
- 42,660 LF of Hollow Bar Soil Nails
- 900 LF of OSHA Handrail

