



Atlantic Center

Brooklyn, NY

The Atlantic Center is a 400,000-sf commercial shopping complex with several large department stores as anchors and two levels of underground parking. The complex is adjacent to Atlantic Terminal, the third largest mass transportation hub in NYC, through which pass nearly 40 million passengers a year. The complex is accessible by subways M,N,R,W,Q,1,2,3,4,5,C, and the LIRR.

In 1993, Mueser Rutledge Consulting Engineers (MRCE) performed the original geotechnical investigation for the development of this complex. Services included borings, geotechnical analyses and design, and foundation recommendations that included the protection of the adjacent subways and Long Island Rail Road. The complex opened in 1996.

In 1999, as part of an expansion project, MRCE performed additional investigation services for a design of the Atlantic Center Plaza over the LIRR Terminal.

Foundation engineering project highlights:

- Geotechnical investigation for site of large commercial shopping complex
- Protection of the adjacent subways and Long Island Rail Road
- Two levels of parking under large commercial shopping complex
- Additional investigation for expansion over LIRR Terminal