

PROJECT BRIEF

Streets of Buckhead Instrumentation & Monitoring

PROJECT PROFILE

CLIENT:
Schnabel Foundation

LOCATION:
Atlanta, GA

VALUE:

- Quick notification of any movement exceeded

SERVICES PROVIDED:

- Instrumentation and monitoring system

“The instrumentation system allowed all parties to monitor any settlement and movement of the structures. The system also provided an alarm in the event that any present movement values were exceeded.”



REAL-TIME MONITORING OF MOVEMENT

Geocomp was contracted to provide real-time monitoring of the adjacent buildings and the support of excavation system. Utilizing an Automated Motorized Total Station (AMTS) and prisms, Geocomp provided real-time monitoring data of the support of excavation system and of the adjacent buildings. This instrumentation system allowed all parties to monitor any settlement and movement of the structures. The system also provided an alarm in the event that any preset movement values were exceeded.



BACKGROUND

This project was a 9 acre mixed use development in the Buckhead district in Atlanta, Georgia. Comprising 6 city blocks, the project consisted of approximately 370 apartments, 300,000 square feet of retail space and 90,000 square feet of boutique office space. The project site was located in a dense urban area within 1.2 miles of two prominent malls, Lenox Square and Phipps Plaza.