Monitoring Structures

6th Street Bridge Construction, Los Angeles

Capitol Complex Expansion, Austin

Airport Expansion, Tampa

GEO-Instruments monitors new construction, renovations, repairs and expansion of existing structures. Instrumentation can assist construction sequences provide early detection of any problems.

Typical Instrumentation includes:

AMTS Systems monitor prisms on interior and exterior walls to detect unexpected movement.

Crackmeters and Jointmeters monitor existing cracks, changes in alignment of structural elements.

Hydrostatic Levels, installed on floors and exterior or interior walls, monitor differential settlement.

Tiltmeters monitor deformation of walls and floors and lateral displacement of columns.

Laser Extensometers monitor wall-to-wall or floor-to-ceiling convergence.

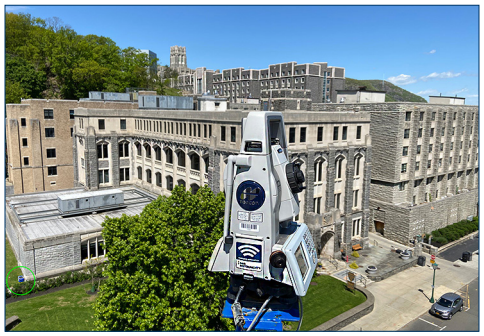
Strain Gauges monitor changes in loads on steel structural elements.

Vibration Monitors warn when vibration limits are exceeded.

GeoCloud Automation provides wireless data acquisition, web-based data management, and secure website access to data.

Mokulumne Aqueduct Retrofit, California

Kennedy Center Expansion, DC



West Point Expansion, New York

MSE Wall Repair, Texas

Bellevue Tunnel Construction, WA

Old South Church Repair, Boston