

Brooklyn Navy Yard

Multi-story Building | 2018



AI-generated illustrative rendering

CLIENT

ZDG Construction
Management

LOCATION

Building A, Brooklyn Navy
Yard, Brooklyn, NY, United
States

INDUSTRY

Construction and
Engineering

SERVICE

Structural Dynamic
Analysis; Continuous
Monitoring

IMPACT

Shared readings after each lift so the team could adjust the lifting operation before securing the jacks and removing the gauges.

CHALLENGE

A controlled jacking operation at Building A required tracking strain in beams connected to Column E4.

STRAAM APPROACH

On Jul 31, 2018, STRAAM monitored four strain gauges on two beams supporting floors 3-5 and shared readings across four lift stages.

RESULT

The readings supported adjustments during lifting, before the jacks were secured. The team removed the monitoring gauges at completion.