

West Point Cadet Chapel

Historic Church | 2014

**CLIENT**

Walsh Construction Co.

LOCATION

722 Derussy Road, West Point, NY 10996

INDUSTRY

Historical and Environmental Preservation / Construction and Engineering

SERVICE

Structural Dynamic Analysis; Continuous Monitoring

IMPACT

Provided ongoing records of the chapel's response during nearby construction and blasting.

CHALLENGE

Nearby cadet-barracks work and blasting required observation of the historic chapel's movement and vibration response.

STRAAM APPROACH

STRAAM monitored tilt, acceleration, and spectral response at roof- and ground-level locations using five triaxial accelerometers.

RESULT

Monitoring documented the chapel's response during nearby construction and blasting, giving the project team information during the work.