

Montauk Point Lighthouse

Historic Lighthouse Complex | 2023

**CLIENT**

H&L Contracting, LLC

LOCATION

2000 Montauk Hwy.,
Montauk, NY 11954, United
States

INDUSTRY

Historical and
Environmental
Preservation /
Construction and
Engineering

SERVICE

Structural Dynamic
Analysis; Continuous
Monitoring

IMPACT

Documented the lighthouse complex during shoreline work and recorded that the stabilization work was complete.

CHALLENGE

Shoreline stabilization work required baseline and ongoing tracking of the historic complex's dynamic response, vibration, and tilt.

STRAAM APPROACH

STRAAM monitored the lighthouse, museum, and fire control tower from April 2021 through May 2023 using 11 accelerometers and three acquisition systems at 200 samples per second.

RESULT

The final monitoring record summarized how the structures responded during the shoreline project and noted that the work had been completed.