

PROJECT

Montgomery Monument, St. Paul's Chapel
New York, New York

CLIENTS

Integrated Conservation Resources, Inc.
New York, New York

PROJECT DESCRIPTION

The Montgomery Monument, commissioned by Congress in 1776, was sculpted in France and later installed at St. Paul's Chapel in New York City in 1779. The sculpture was installed on the east elevation of St. Paul's where it is partially protected from the elements by the portico. The monument has numerous visible cracks and differential movement, primarily due to rust jacking of ferrous supports installed some 230 years ago. ICR requested investigations by Atkinson-Noland to locate metal inclusions in the monument and assess the effects of subway vibrations on the monument.

SERVICES PROVIDED BY ATKINSON-NOLAND

- Location of metal pins and cramps in stone elements to facilitate deconstruction and stabilization
- Vibration monitoring to evaluate maximum particle velocities and assess the potential for subway car vibrations damaging the monument



Montgomery Monument at St. Paul's Chapel.



Location of metal pins identified.



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