

Wellington Municipal Office Building

Commercial Building | 2017

**CLIENT**

Wellington City Council

LOCATION

101 Wakefield St.,
Wellington, New Zealand

INDUSTRY

Historical and
Environmental
Preservation

SERVICE

Structural Dynamic
Analysis

IMPACT

Established a post-earthquake reference for the municipal office building and its interaction with neighboring structures.

CHALLENGE

Following the November 2016 Kaikōura earthquake, the Municipal Office Building's frequencies, damping, and mode shapes needed measurement.

STRAAM APPROACH

On Nov 28, 2016, STRAAM completed an approximately eight-hour assessment using ten triaxial accelerometers and two SKG systems at 200 samples per second.

RESULT

The work documented how the office building responded after the earthquake, including its relationship with adjoining structures.