

John F. Shea Federal Building

Federal Building | 2020

**CLIENT**

Rutherford + Chekene

LOCATION

777 Sonoma Ave., Santa Rosa, CA 95404, United States

INDUSTRY

Real Estate and Insurance

SERVICE

Structural Dynamic Analysis

IMPACT

Established reference information for seismic evaluation and potential retrofit planning across the connected office and courthouse portions.

CHALLENGE

The office and courthouse portions of the federal building had to be assessed as connected but distinct structural sections.

STRAAM APPROACH

STRAAM measured the building on June 16–17, 2020, using ten triaxial accelerometers and two SKG systems to characterize coupled response.

RESULT

The work documented how the connected office and courthouse portions responded, giving the engineering team a basis for future evaluation.