



Executive Directive 24-01

Evaluating and Addressing Seismic Vulnerability in San Francisco's Concrete Buildings

April 16, 2024

According to the U.S. Geological Survey (USGS), San Francisco has a 72 percent chance of experiencing a 6.7 magnitude or greater earthquake before 2043. The City and County of San Francisco is dedicated to ensuring infrastructure, neighborhoods, and residents are ready to withstand the next major earthquake. After a year-long stakeholder engagement process, the City and County of San Francisco is implementing the first phase of the Concrete Building Safety Program (CBSP).

The Concrete Building Safety Program aims to strengthen the resilience of the City's infrastructure, neighborhoods, and building stock. The need for the CBSP is identified in the San Francisco Earthquake Safety Implementation Program (ESIP), San Francisco's 30-year plan for improving seismic safety. Prior seismic resilience programs identified in ESIP include the Soft Story Retrofit program, which has resulted in the strengthening of more than 4,500 multifamily residential buildings in San Francisco to date, and the Unreinforced Masonry Program, which facilitated the retrofit of nearly 2,000 masonry buildings.

The Office of Resiliency and Capital Planning (ORCP) has released the "Stakeholder Engagement for Concrete Building Safety Program" report, which summarizes a stakeholder engagement process that identified technical, economic, and social considerations and consequences of a seismic retrofit program for concrete buildings in San Francisco. Meaningful engagement has allowed the City to better understand the challenges impacted stakeholders will face, while underscoring the need for action given the likelihood of a major earthquake in the Bay Area. San Francisco must continue to be a proactive leader, maintain its best practices of seismic safety and resiliency, and continue to prepare for the next big earthquake.

Directives:

Through this Executive Directive, I hereby direct the following, to be completed by October 16, 2024:

- I. **Draft Legislation that Mandates Screening Concrete Buildings for Seismic Vulnerability:** The Office of Resilience and Capital Planning and the Department of Building Inspection shall draft legislation which mandates completion of a building information reporting checklist to identify potentially vulnerable concrete buildings



across the City.

- II. **Publish Retrofit Standards in the San Francisco Building Code:** The Department of Building Inspection shall develop and publish retrofit criteria for concrete buildings in the San Francisco Existing Building Code.

This Executive Directive takes effect immediately and will remain in place until rescinded by future written communication.

A handwritten signature in blue ink that reads "London N. Breed".

London N. Breed
Mayor, City and County of San Francisco