

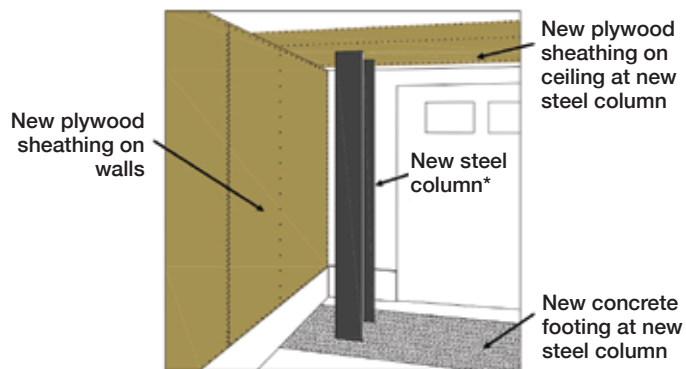
The New Soft-Story Program offers Homeowners even more support.

Receive up to \$13,000 toward an Earthquake Retrofit

Earthquake Soft-Story (ESS) helps homeowners lessen the potential for damage during an earthquake. ESS offers grants of up to \$13,000 toward a code-compliant seismic retrofit for houses that qualify.

Soft-Story Vulnerabilities

This type of house has one floor of living space over an attached garage. The upper story is held up by the ground story, which has an opening for the garage door instead of a fourth solid wall. This type of house is known as a “soft story” and is vulnerable to collapse during earthquake shaking.



**Required with some soft-story retrofits*

A soft story house:

- typically has a large open space (the garage area), with walls not braced to resist earthquake motion, and
- has one or more large doors that are not retrofitted to withstand earthquake shaking.

Houses that qualify for an ESS grant:

- Are built before 2000;
- Have one floor of living space over a garage;
- Are located in an ESS ZIP Code; and
- Are single-family owner occupied.

The seismic retrofitting:

- strengthens the walls at the garage door or any other large openings with plywood or other strengthening elements including steel columns or proprietary shear elements;
- braces the perimeter walls of the lowest story; and
- if there are crawl space walls, they must be braced and the house bolted to its foundation.

An ESS seismic retrofit strengthens an older house (pre-2000), making it more resistant to earthquake damage caused by ground shaking.

What does an ESS retrofit cost?

- ESS provides up to 75% of the total retrofit cost, up to \$13,000.
- The cost for the retrofit varies depending on where you live.



ESS ZIP CODES IN CALIFORNIA

Eligibility based on ZIP Code only. City provided as reference.

NORTHERN CA

Berkeley

94702, 94703, 94704, 94705, 94707, 94708, 94709, 94710

Oakland

94601, 94602, 94603, 94605, 94606, 94609, 94610, 94611, 94612, 94618, 94619, 94621

San Francisco

94102, 94103, 94107, 94108, 94109, 94110, 94112, 94114, 94115, 94116, 94117, 94118, 94121, 94122, 94123, 94124, 94127, 94131, 94132, 94133, 94134

SOUTHERN CA

Pasadena

91101, 91103, 91104, 91105, 91106, 91107

Los Angeles

90004, 90005, 90006, 90007, 90011, 90013, 90014, 90015, 90016, 90018, 90019, 90020, 90023, 90024, 90026, 90028, 90029, 90031, 90032, 90033, 90034, 90035, 90037, 90038, 90039, 90041, 90042, 90044, 90047, 90048, 90057, 90062, 90064, 90065, 91601

**CALIFORNIA RESIDENTIAL
MITIGATION PROGRAM**



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES



The California Residential Mitigation Program (CRMP) is a joint powers authority created by the CEA and Cal OES. CRMP is a legally separate entity from its members.

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