



Tax Break for Retrofitting Passes CA Senate

By: Rosanna Xia, Los Angeles Times

<http://www.latimes.com/local/lanow/la-me-ln-earthquake-retrofit-20150908-story.html>

A proposed state tax credit for earthquake retrofits passed the Senate on Tuesday, clearing a major hurdle for a bill that would ease the burden of strengthening thousands of at-risk buildings across California.

The proposal, which passed the state Senate 37 to 1, would give property owners a 30% tax break on the cost of seismic retrofitting.

Under the bill, the tax credit would be given to an owner over a period of five years after the retrofitting was completed. For every \$100 owners spent on a qualified retrofit, they would receive a \$30 break on income or corporate taxes.

Work eligible for the tax break would include retrofitting vulnerable wood-frame apartment buildings and concrete residential buildings, installing automatic gas shut-off valves, anchoring single-family homes to foundations and installing quake-resistant bracing systems for mobile homes.

The tax credit would be in effect from 2017 through 2021 on a first-come first-served basis, according to a Senate amendment to the bill. The credit would be capped at \$12 million each year, plus any carryover of unused funds from the prior year.

The bill now goes back to the Assembly, which is expected to vote this week on the Senate's amendment. If approved, the proposal will be sent to Gov. Jerry Brown for consideration.

"Nothing like this has happened before," said Assemblyman Adrin Nazarian (D-Sherman Oaks), who introduced the legislation. "I am thrilled we have moved one step closer to making California safer."

With the Senate's approval this week, the bill is moving forward, Nazarian said. "This is both institutions saying that we see this need," he said. "Seismic retrofitting protects property, saves lives and creates jobs," Nazarian said.

The tax credit idea has been endorsed by the mayors of Los Angeles, San Francisco, Oakland, Berkeley and Santa Monica. In Los Angeles, Mayor Eric Garcetti has proposed new city rules that would require the retrofits of thousands of older concrete and wooden buildings.

"The physical threat of death or injury from vulnerable buildings is real," the five mayors wrote to the Senate Budget Committee this year. A Senate analysis of the bill cited no formal opposition.

"This incentivizes residents and ... building owners to say 'This is an important step, this is something that I've been putting behind for a very long time, and now I can recoup 30% of my cost. So let me take advantage of it.' That's the hope that I'm working towards," Nazarian said.

Los Angeles
Times

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Michelle Kam-Biron, S.E., SECB

For those that were not able to attend the September 2nd Dinner meeting, it was a grand event that included displays and representatives for all of our SEAOSC Committees and several exhibitors showcasing so that not only did the attendees learn about the current committee charges and work, but they also learned about various building products solutions. In addition, we had a very engaging panel discussion featuring David Cocke, Craig Chamberlain, Francisco Garcia, Gretchen Haussler, Jose Hernandez, and Matt Timmers with Ken O'Dell as moderator. All had various work and educational experiences and openly shared their insight on being a structural engineer in today's very demanding and ever evolving industry.

Tim Kaucher, Rachel Gutmann, John Saggiani, Lynn Hanger, Ryan Smith and Jeff Ellis who lead this effort all deserve a big round of applause for their efforts. Aside from the January LA Meeting: Resilience By Design: The City of Los Angeles Plan to Reduce Seismic Vulnerability SEAOSC dinner meeting, it was one of our largest dinner meetings with over 160 people. This would not have been successful without the contributions of the SEAOSC committee chairs, the exhibitors, the SEAOSC Board, the guest speakers and the event team working together in a coordinated effort. THANK YOU!

As a result of this event we had many people request more information or sign up for one or more committees, of which any SEAOSC member may participate. All the committee chairs or Board contacts will be following up with an email to you. We all realize that everyone is busy with work, family and their social life; however, committee participation is one of the major benefits of being a member of SEAOSC. It provides an avenue where we can work with our peers towards a common goal. We may not always agree, but coming together and having discussions helps us understand better, can lead to better robust solutions and can help us be proactive rather reactive on issues that affect the building industry and our community. Examples of SEAOSC Committee work include the Seismology and Existing Building Committees who are creating proposed LA Ordinance seismic retrofit design examples, the Education Committee providing relevant seminar/webinar topics, the Earthquake Performance Rating System Ad-Hoc Committee reviewing the SEAOSC EPRS document, the Image and PR Committee providing outreach on behalf of SEAOSC, the Young Members Committee engaging younger members, and the Membership Committee engaging non-members to become members, etc. All of our committees are working towards the goal of having a positive influence on our profession, the industry and our community. Our association, as a collective whole, can have a much greater impact than we do individually. That is the strength of membership and participation with SEAOSC.

We also can be a positive influence by participating at a state level with SEAOC. An example of this is the SEAOC Elevated Exterior Elements (EEE) Committee which has been formed to research the issues related to the Berkeley balcony failure. Initially it was a SEAOC/SEAONC effort due to the immediate need locally. However, the goal will be to produce SEAOC guidelines to mitigate future issues with collective input from all four Membership Organizations (MO's, SEAOSC, SEAOSD, SEANC and SEAOC). Representing SEAOSC are Robert Lyons of Risha Engineering, Teo Francu of Risha Engineering, Richard Hess of Hess Engineering and as an observer Tak Matsushita of Dale Christian. In addition to the four MO's there will be collaboration with CALBO, AIA and others to provide practical recommendations that are based on discussions with various stakeholders about construction challenges such as waterproofing, providing proper ventilation, etc.

As mentioned in my President's message in September, the SEAOSC Board and some of the past Directors had an all-day Strategic Planning Retreat (SPR) in August and came up with five areas of focus: Membership, Committees, Leadership, Outreach and Member Benefits. We will be prioritizing the list and implementing some of them in the near future. Since the 2012 Re-alignment Plan we've been trying to focus and enhance SEAOSC's benefits and influence, meet the demands of our growing membership, maintain relevancy in an evolving industry and, continue to be the leading structural engineering association in Southern California.

"If you do what you've always done, you'll get what you've always gotten." -Tony Robbins

To advise on our evolution and growth, we have once again launched an Board Advisory Committee consisting of Past-President Janah Risha, Past President Joseph LaBrie, former Director Ken O'Dell, and President-Elect Jeff Ellis. This committee is in its infancy, but two of the charges are to review the bylaws that have not been updated since its initial creation in 1930 and the various SEAOSC Policies. As you can imagine a lot has changed since these documents have been created. There are more changes on the horizon; all in an effort to benefit the SEAOSC membership and our profession.

"Neither a wise man nor a brave man lies down on the tracks of history to wait for the train of the future to run over him." — Dwight D. Eisenhower

If the September meeting is any indication of the coming 2015-16 year, we'll have an awesome year. The feedback that everyone received was very positive. Everywhere you looked throughout the room people were engaged in exciting and meaningful conversations.

The room was filled with energy and overall positive vibes! The Board, Committee Chairs and all the volunteers are engaged, enthusiastic and optimistic of the coming year as we work together to increase membership value and elevate the profession of Structural Engineering!

The world as we have created it is a process of our thinking. It cannot be changed without changing our thinking." – Albert Einstein

Have an Extraordinary Day!

https://youtu.be/26U_seo0a1g

Michelle Kam-Biron, PE, SE, SECB
SEAOSC President



SEAOSC Annual Golf Tournament Friendly Hills Country Club Whittier, CA Monday, August 24, 2015



Above: Rawn Nelson (left) as Master of Ceremonies with Chad Gannel (right), friend of Nils Fox, Sika Inc., won the television set in the raffle.



Contest & Team Winners

Accurate Drive: Dan Fox
Men's Long Drive: Mark McCauley
Women's Long Drive: Lorena Arce
Closest to the Pin #8: Andy Kjellberg
Closest to the Pin #13: Eugene Ungerman

Most Honorable Team:

Tim Kaucher, Joe Poulder, Garret Mills,
Natalie Gibbons

2nd Place Team:

Francis Lo, Lou Valenzuela, Marco Hanawi,
Andy Kjellberg

1st Place Team:

Chad Gannel, Kurt Anderson, Larry
McCauley, Mark

Thank You Golf Tournament Committee For A Successful Event!

SEAOSC Earthquake Performance Rating System Ad Hoc Committee
Statement of Progress to SEAOSC Board
 September 8, 2015

The EPRS Ad Hoc Committee was formed for the primary purpose of reviewing the SEAOSC EPRS document(s) to identify what (if any) changes SEAOSC recommends for consideration by SEAOC who may adopt the system as a SEAOC system (as opposed to a SEAOSC system). The review shall be performed from a technical perspective and the committee may consider revisions and additions to the SEAOSC work that have already been suggested/recommended by other MO's or already implemented by the USRC (an independent non-profit organization). A full listing of the SEAOSC Earthquake Performance Rating System Ad Hoc Committee Mission and Charges can be viewed in the following link, <http://seaosc.org/userfiles/2015%20SEAOSC%20EPRS%20Ad%20Hoc%20Committee%20Charges.pdf>.

The following provides details of the makeup of the Committee:

- **Committee Members (as of September 2, 2015):** Leonardo Torres (Board Contact and Committee Chair), Mark Weaver (Committee Secretary), Cairo Briceno (liaison to Seismology Committee), Juan Carlos Esquivel, Mohammad Hariri, Garrett Mills, Bill Seckler, Bahram Zarin-Afsar, Omid Esmaili, Adam Greco, Pawan Gupta, Richard Hess, Sara Means, Doc Nghiem, and Joe Valancius.
- **SEAOSC Members who have attended meetings as Observers (as of September 2, 2015):** Michael Cochran, Jeff Ellis, Michelle Kam-Biron, Kevin O'Connell, and Josh Gebelein (liaison to SEAOC Ad Hoc Committee on EPRS).
- **Other SEAOSC Members who are on the contact list (as of September 2, 2015):** Ken O'Dell, Conrad Paulson, Lee Pursell, Farzin Zareian, and Arnold Bookbinder.

Summary of Meetings

The Committee has held three in-person meetings as well as two intermediate teleconference meetings to help coordinate agenda items for the in-person meetings. The following provides a brief synopsis of the three in-person meetings held. Meeting minutes can be made available upon request to the Committee Chair and/or Secretary.

Meeting on June 17, 2015

- Review of structure and organization
- Overview of SEAOC Ad Hoc Committee Activities – Josh Gebelein
- Discussion on Committee goals and individual Committee member goals
- Review of stated Mission and Charges – general agreement to accept the Mission and Charges
- Charted path forward to review specific sections of documents

Meeting on July 23, 2015

- Mark Weaver volunteered to be Recorder/Secretary
- Review of participation requirements

Earthquake Performance Rating System (EPRS) Ad-Hoc Committee
Statement of Progress to SEAOSC Board
(continued from previous page)

- Discussion on specific sections of the EPRS: User's Guide – Prepared by The Building Ratings Committee (SEAONC), February 2, 2015
- Bahram Zarin-Afsar offered to provide additional references he felt were useful for review by Committee members – Committee chair agreed to consult with Mr. Zarin-Afsar on how to make these available.

Meeting on September 3, 2015

- Further discussion on specific sections of the EPRS: User's Guide – Prepared by The Building Ratings Committee (SEAONC), February 2, 2015
- Mark Weaver to draft summary of opinions on topics discussed to date, to be reviewed and voted on by the committee at the next meeting.

Committee Goals for next 6-12 months

In general, the Committee will work to achieve goals of the stated Mission and Charges. The specific actions expected to be taken are as follows:

- Meet regularly, approximately one in-person meeting per month.
- Focus the discussions on reviewing and providing input on the two specified documents:
 - Earthquake Performance Rating System: User's Guide – Prepared by The Building Ratings Committee (SEAONC), February 2, 2015
 - Earthquake Performance Rating System – ASCE 31 Translation Procedure –Prepared by The Building Ratings Committee (SEAONC), March 31, 2015
- Provide a summary of progress periodically to the SEAOSC Board.



Seismology Committee

Statement of Progress to SEAOSC Board
September 2015
From Jesse Karns, Chair

The SEAOSC Seismology Committee (SSC) is very busy preparing example seismic retrofit designs for a non-ductile concrete building using the City of Los Angeles proposed strengthening ordinance.

The results of the building evaluation, retrofit design, and sample detailing will be presented as part of the 2015 SEAOSC Summit – “Strengthening Our Cities”, November 4-5. The Existing Building Committee (EBC) is working on a similar effort for weak-story wood structures and both the EBC and SSC are coordinate efforts with LADBS to give SEAOSCs engineers insight to help them address the challenges, expectations, and requirements of the proposed strengthening ordinances.

Although the committee continues to work on other efforts, this task is expected to consume much of the committee's time over the next two months.

WELCOME NEW MEMBERS

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President: James A. Amundson

Vice President: Victoria Arbitrio

Secretary/Treasurer: William Staehlin

NEWS RELEASE**August 21, 2015**For More Information:Technical Information: William Holmes, WHolmes@ruthchek.comProposal Information: Anna Olsen, aolsen@ATCouncil.org**ATC ANNOUNCES REQUEST FOR PROPOSALS TO CONDUCT TRIAL
EVALUATIONS OF BUILDINGS IN CALIFORNIA USING THE
ATC-78-3 METHODOLOGY**

The Applied Technology Council (ATC), in cooperation with the City of Los Angeles Department of Building and Safety (LADBS), is seeking proposals from Southern California engineering firms to conduct trial evaluations of older concrete frame structures using the methodology described in the ATC-78-3 Report, *Seismic Evaluation of Older Concrete Frame Buildings for Collapse Potential* (ATC, 2015), which was developed with funding from the Federal Emergency Management Agency (FEMA). Trial evaluations are being sponsored by the City of Los Angeles Department of Building and Safety to determine if the ATC-78-3 evaluation methodology could be used as part of a program to mitigate the risk of older concrete buildings in Los Angeles.

A complete description of the scope of services to be performed, required qualifications, submittal requirements, subcontract terms, selection criteria, selection process, and schedule are provided in the Request for Proposals (LADBS), available on the ATC website (www.atcouncil.org). The report can be downloaded from the ATC website at: <https://www.atcouncil.org/58-frontpage/268-identification-and-mitigation-of-nonductile-concrete-buildings>. **The closing date for the submission of proposals is September 25, 2015.**

The methodology described in the ATC-78-3 report is under ongoing development, and expansion of the methodology to address concrete wall systems is currently underway. This solicitation is the first in a series of planned trial evaluation programs intended to inform future versions of the methodology. The following additional solicitations can be expected:

- A similar FEMA-funded RFP, to be announced in the next few weeks, that will solicit the involvement of engineers to evaluate the ATC-78-3 methodology for concrete frame buildings located in regions of moderate or high seismicity throughout the United States.
- A future LADBS-funded RFP, to be announced approximately one year from now, that will solicit the involvement of Southern California engineers to conduct a trial evaluation of the methodology for concrete wall buildings located in California.

Response and/or participation in one Trial Evaluation Program will not preclude response and/or participation in future programs.

More information about the ATC-78 Project Series is available at: <https://www.atcouncil.org/58-frontpage/268-identification-and-mitigation-of-nonductile-concrete-buildings>.



President: James A. Amundson

Vice President: Victoria Arbitrio

Secretary/Treasurer: William Staehlin

REQUEST FOR PROPOSALS (LADBS)**August 21, 2015****REQUEST FOR PROPOSALS TO CONDUCT TRIAL EVALUATIONS OF
BUILDINGS IN CALIFORNIA USING THE ATC-78-3 METHODOLOGY**

Proposals are requested from qualified individuals or organizations located in Southern California to perform trial evaluations of buildings using the ATC-78-3 Methodology in accordance with this Request for Proposals (RFP). **The proposal submittal deadline is September 25, 2015. Questions concerning this RFP should be submitted by email to atc@ATCCouncil.org by September 11, 2015 and answers will be available by September 18, 2015.**

Purpose of Trial Evaluation Program. The primary purpose of this program, funded by the City of Los Angeles Department of Building and Safety (LADBS), is to obtain and judge relative evaluation results from selected non-ductile concrete frame buildings in high seismic regions of California to enable calibration, if necessary, of the methodology described in the ATC-78-3 Report, *Seismic Evaluation of Older Concrete Frame Buildings for Collapse Potential* (ATC, 2015). A secondary purpose is to test the clarity and usability of the methodology and to determine the level of effort required for implementation. The LADBS is particularly interested in such a study to determine if the evaluation methodology could be used as part of a program to mitigate the risk of older concrete buildings in Los Angeles.

Background. Responding to concerns that available seismic evaluation methods for non-ductile concrete buildings are conservative and expensive, particularly with respect to the risk of global collapse, the Federal Emergency Management Agency (FEMA) started an initiative in 2009 to develop an efficient evaluation methodology to identify older concrete buildings with a high risk of collapse during strong ground shaking. It was reasoned that if all, or most, pre-1976 *Uniform Building Code (UBC)* concrete buildings were evaluated to be deficient using currently available methods, the need for voluntary seismic retrofits or local mitigating ordinances would lack credibility. Although the damageability of older concrete buildings is generally accepted, the life safety risk is thought to come from a small percentage of buildings in this class. However, because of their typically large size, this small percentage of buildings poses a risk to a large number of building occupants. For example, the earthquake in Christchurch, New Zealand, in February 2011 caused damage to hundreds of unreinforced masonry (URM) buildings, killing about 40 people, while the collapse of two concrete buildings killed 140.

ATC-78 Project Series. This FEMA-funded initiative was implemented by the Applied Technology Council (ATC) in a multi-year series of projects known as the ATC-78 Project Series. Following recommendations made in the National Institute of Standards and Technology (NIST) GCR 10-917-7 Report, *Program Plan for the Development of Collapse Assessment and Mitigation Strategies for Existing Reinforced Concrete Buildings* (NIST, 2010), the concept of “collapse indicators” was initially investigated as the basis for an evaluation methodology. This investigation resulted in the ATC-78-1 Report, *Evaluation of the Methodology to Select and Prioritize Collapse Indicators in Older Concrete Buildings* (ATC, 2012). Although the study of collapse indicators resulted in important insights into performance, a method based solely on collapse indicator relationships proved to be impractical. A more direct method, based on story drifts and the resulting potential for column failure and collapse, was subsequently investigated and developed. This effort has resulted in a complete method for the evaluation of frames that is now documented in the ATC-78-3 Report, *Seismic Evaluation of Older Concrete Frame Buildings for Collapse Potential* (ATC, 2015). The resulting methodology is initially limited to frame structures consisting of either lateral force-resisting moment frames or gravity frames consisting of columns and beams, or columns and slabs, which is the focus of this Trial Evaluation Program.

Board of Directors: James A. Amundson, Victoria Arbitrio, Leighton Cochran, Michael D. Engelhardt, Nancy L. Gavlin, Kurtis R. Gurley, Erleen Hatfield, Douglas C. Hohbach, Andrew B. Kennedy, Roberto T. Leon, Robert B. Paullus, Jr., William Staehlin, Williston L. Warren, Kent Yu

Interest by the Los Angeles Department of Building and Safety. In 2014, Los Angeles Mayor Eric Garcetti's Science Advisor for Seismic Safety, Dr. Lucy Jones, led the development of a report, *Resilience by Design*, which contains a recommendation for mandatory evaluation of all concrete buildings built to standards prior to the 1976 *Uniform Building Code*. The City of Los Angeles Department of Building and Safety (LADBS) will be responsible for developing technical requirements for such an ordinance, if passed. The LADBS wants to consider the latest technology in such an ordinance, and is interested in developing a better understanding of the possible application of the ATC-78-3 methodology to the inventory of older concrete buildings in Los Angeles. As a result, the LADBS is sponsoring this Trial Evaluation Program through the Applied Technology Council.

Qualifications to Perform a Trial Evaluation. Individuals or teams must be headed by a registered Professional Engineer with a business address in Southern California, that is familiar with seismic evaluation and retrofit of concrete buildings, particularly the ASCE/SEI 41-13 Standard, *Seismic Evaluation and Retrofit of Existing Buildings* (ASCE, 2013), or its predecessor documents ASCE/SEI 31-03, *Seismic Evaluation of Existing Buildings* (ASCE, 2003), and ASCE/SEI 41-06, *Seismic Rehabilitation of Existing Buildings* (ASCE, 2007). The lead engineer must have access to complete structural drawings for the concrete building that is proposed for evaluation, and must have permission from the building owner to use the drawings and share the results with the ATC-78 project team.

Selection Criteria. Selection of participants in the Trial Evaluation Program will be based on the type and configuration of the proposed building and on the qualifications of the proposed individual or team. The building proposed for evaluation must be located in California. The desired characteristics of a building proposed for evaluation are:

- constructed using cast-in-place concrete;
- built to standards adopted and enforced prior to the 1976 *Uniform Building Code*;
- beam-column or slab-column frame structural system (either lateral force-resisting or gravity) with little or no concrete walls or stiffening masonry walls;
- 2-12 stories in height;
- previous evaluation using ASCE/SEI 31-03, *Seismic Evaluation of Existing Buildings* (ASCE, 2002), ASCE/SEI 41-13, *Seismic Evaluation and Retrofit of Existing Buildings* (ASCE, 2013), or equivalent, available to enable comparison with the results of the ATC-78-3 methodology; and
- previously retrofitted (a preferred characteristic) to eliminate concerns related to identification of potential earthquake risk.

Participants in the Trial Evaluation Program should have demonstrated professional experience in the evaluation and retrofit of existing buildings, and the ability to meet deadlines in a timely fashion. Because funding is being provided by the City of Los Angeles, preference will be given to buildings located within city limits, and individuals or firms with business addresses located in the Los Angeles area.

Scope of Services. Individuals or teams selected to participate in this Trial Evaluation Program will be invited to attend a four-hour training session (in the Los Angeles area) on the use of the ATC-78-3 evaluation methodology. Each team will then perform an ATC-78-3 evaluation of the proposed building, using the same site seismic demand used in a prior seismic evaluation (prior evaluation for Collapse Prevention performance is preferred, but Life Safety performance is acceptable). A brief Evaluation Report summarizing the evaluation results will then be submitted to ATC. The report shall include:

- a description of the building, including typical plans and elevations;
- a brief description of the method of calculation, and a summary of the calculations and key intermediate results;
- the final building rating (as defined in the ATC-78-3 methodology);
- a professional opinion of the results and a comparison with prior evaluation results;
- the level of effort required to implement the ATC-78-3 methodology;

- a statement concerning the clarity and usability of the methodology; and
 - recommendations regarding the potential development of a standardized calculation spreadsheet.
- Following submittal of the Evaluation Report, a four-hour debriefing session will be held (in the Los Angeles area) for the lead engineers who participated in the trial evaluations.

Subcontract Terms. ATC will engage selected engineers or firms in this Trial Evaluation Program through a subcontract agreement that specifies payment of a fixed fee in the amount proposed, contingent upon successful completion of the Evaluation Report for a specified building and attendance at the training session and debriefing meeting. The subcontract agreement between ATC and the participating engineers or firms will include requirements specified in the master contract agreement between LADBS and ATC. These pass-through requirements include:

- Retention of Records, Audit, and Reports
- Ownership and License of Work Products (as public information)
- Non-Discrimination, per Los Angeles Administrative Code Sections 10.8-10.8.2
- Equal Employment Practices, per Los Angeles Administrative Code Section 10.8.3
- Affirmative Action Program, per Los Angeles Administrative Code Section 10.8.4
- Child Support Assignment Orders, per Los Angeles Administrative Code Section 10.8.10
- Americans with Disabilities Act, Title 42 of the United States Code, Section 12101 and its implementing regulations
- Contractor Responsibilities Ordinance, Los Angeles Administrative Code Section 10.40

Selection Process. In consultation with representatives of LADBS and the ATC-78 project team, ATC will select approximately twelve (12) engineers or firms to participate in this Trial Evaluation Program, based on the selection criteria defined above.

Submittal Requirements. Proposals shall include:

- a brief description of the building to be evaluated, including its general location (city/county) and a summary (printable and readable in 8½ x 11 format) of the structural drawings (for example, typical plan and elevation);
- a brief description of the previous evaluation(s);
- a description of the current status of the building (e.g., vacant, demolished, current occupancy);
- a letter of approval for use of the structural drawings from the building owner (if the building is not demolished);
- a statement of qualifications for the proposed lead investigator; and
- the proposed fee (not exceeding \$10,000).

Proposals must be received by the Applied Technology Council no later than September 25, 2015, and must be submitted by electronic mail with Request for Proposals (LADBS) in the subject line to the following address: atc@ATCCouncil.org.

Availability of ATC-78-3 Report and Pass-Through Contract Provisions. The ATC-78-3 Report, *Seismic Evaluation of Older Concrete Frame Buildings for Collapse Potential*, and the LADBS contract pass-through provisions can be downloaded from: <https://www.atccouncil.org/58-frontpage/268-identification-and-mitigation-of-nonductile-concrete-buildings>.

Schedule.

- Announcement of request for proposals: August 21, 2015
- Submittal of written questions: September 11, 2015
- Posting of answers to questions: September 18, 2015
- Submittal of proposals: September 25, 2015
- Selection of trial evaluation participants: October 23, 2015
- Training session (on or about): November 6, 2015
- Submittal of evaluation report: December 4, 2015

Future Requests for Proposals. Development of the evaluation methodology is ongoing, and expansion of the methodology to address concrete wall systems is underway. The following additional Trial Evaluation Programs are currently planned:

- A similar FEMA-funded RFP, to be announced in the next few weeks, that will solicit the involvement of engineers to evaluate the ATC-78-3 methodology for concrete frame buildings located in regions of moderate or high seismicity throughout the United States.
- A future LADBS-funded RFP, to be announced approximately one year from now, that will solicit the involvement of Southern California engineers to conduct a trial evaluation of the methodology for concrete wall buildings located in California.

Response and/or participation in one Trial Evaluation Program will not preclude response and/or participation in future programs.

References.

ASCE, 2003, *Seismic Evaluation of Existing Buildings*, ASCE/SEI 31-03, American Society of Civil Engineers, Structural Engineering Institute, Reston, Virginia.

ASCE, 2007, *Seismic Rehabilitation of Existing Buildings*, ASCE/SEI 41-06, American Society of Civil Engineers, Structural Engineering Institute, Reston, Virginia.

ASCE, 2013, *Seismic Evaluation and Retrofit of Existing Buildings*, ASCE/SEI 41-13, American Society of Civil Engineers, Structural Engineering Institute, Reston, Virginia.

ATC, 2012, *Evaluation of the Methodology to Select and Prioritize Collapse Indicators in Older Concrete Buildings*, ATC-78-1 Report, Applied Technology Council, Redwood City, California.

ATC, 2015, *Seismic Evaluation of Older Concrete Frame Buildings for Collapse Potential*, ATC-78-3 Report, Applied Technology Council, Redwood City, California.

NIST, 2010, *Program Plan for the Development of Collapse Assessment and Mitigation Strategies for Existing Reinforced Concrete Buildings*, NIST GCR 10-917-7, prepared by the NEHRP Consultants Joint Venture, a partnership of the Applied Technology Council and Consortium of Universities for Research in Earthquake Engineering, for the National Institute of Standards and Technology, Gaithersburg, Maryland.



**REQUEST FOR PROPOSALS
FOR
CONSULTANT SERVICES FOR
THE SURVEY OF EXISTING BUILDINGS
AND SEISMIC RETROFIT PLAN**

PUBLIC NOTICE IS HEREBY GIVEN by the City of West Hollywood's Community Development Department inviting Requests for Proposals (RFP) from qualified engineering consulting firms to conduct a comprehensive survey of the City's existing building stock to determine potentially vulnerable buildings during seismic activity. The consulting firm will also assist with developing a seismic retrofit program and ordinance for the City. The City is looking for a Consultant that specializes in seismic evaluations and retrofits as well as experience working with municipalities. Proposals will be received in the Office of the City Clerk, 8300 Santa Monica Blvd. West Hollywood, CA 90069, up to the hour of **5:00 p.m. on Tuesday, September 22, 2015.**

A copy of the RFP can be downloaded from the City website by clicking on the link below:

<http://www.weho.org/city-hall/city-clerk/public-notices/rfp-rfq-bid-notices>

Interested firms may submit questions in writing regarding this RFP via email to Cynthia Zabala at czabala@weho.org. The deadline for written questions is **Monday, September 14, at 5:00 p.m.**

Anyone submitting a proposal or is on a proposal team shall not contact City personnel or City Council members regarding this RFP unless in the manner described above. From the time the City has released this RFP and throughout the evaluation period; any email, telephone, text message, social media post, face to face contact and/or non-fax communication, where there has been discussion of this RFP, may be the basis for a proposal being disqualified from consideration.

ALL INTERESTED PERSONS/FIRMS are invited to submit a proposal!

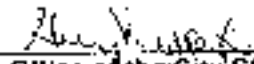
BY ORDER OF the City of West Hollywood.
Yvonne Quarker, City Clerk

AFFIDAVIT OF POSTING

State of California)
County of Los Angeles)
City of West Hollywood)

I declare under penalty of perjury that I am employed by the City of West Hollywood in the Office of the City Clerk and that I posted this notice on:

Date **August 31, 2015**

Signature: 
Office of the City Clerk

SAN BERNARDINO, CA
October 15, 2015

8:00 AM – 4:00 PM

Doubletree by Hilton
285 East Hospitality Lane
San Bernardino, CA 92408
909-889-0133

HELICAL PILES & HELICAL ANCHORS

Learn the proper application, installation, material selection and specification of
CHANCE[®] Helical Anchors, Helical Piles, and Atlas Resistance[®] Piers.

OVERVIEW

In this one day seminar, participants will be given an in-depth historical, theoretical & practical review of helical anchors (tension) and helical piles (compression) in both classroom sessions and observing an actual pile installation and a full scale compression load test in the field. The knowledge and techniques developed in this course will allow participants to design, install, and specify helical anchors and piles utilizing the latest developments in steel foundation technology.

LEARNING OUTCOMES

Participants will strengthen their understanding of helical technology from the experience and the practical knowledge presented. Benefits include the ability to:

- Recognize potential applications of helical piles and anchors
- Understand the basic terms used to specify these products
- Select the most technically appropriate and cost effective material(s)
- Appropriately evaluate and review contractor submittals
- Demonstrate a clear understanding of the helical pile and anchor installation process
- Each participant will earn 6 PDHs and receive a certificate of completion

WHO SHOULD ATTEND THIS COURSE?

Structural & Geotechnical Engineers and Building Officials who are responsible for the design or qualification of foundation and earth retention systems as well as those responsible for auditing, reviewing or approving such designs will benefit from this course. Those with very little design experience as well as those with many years of experience will find the course beneficial.

INSTRUCTORS



Gary L. Seider, P.E., M. ASCE
CHANCE[®] Civil Construction



Jeff Martin, PE, MSCE
Pacific Helix, Inc.

REGISTER TODAY!

To view the event website and to register:

- 1.) Go to www.cvent.com
- 2.) Click "RSVP for an event" at the top right corner of the page.
- 3.) Enter the event code: **7GNVY66PWNS**

Registration fee for this course is \$75

(\$25 for students and professors)

If you would like to register by phone or if you have questions, please call:

Pacific Helix, Inc. at 408-379-6408

PACIFIC
HELIX
dISTRIBUTING, INC.

176 Gilman Ave.
Campbell, CA 95008
408-379-6408

10040 Geary Ave.
Santa Fe Springs, CA 90670
562-777-7300





WOOD DESIGN AWARDS

> **NOMINATION DEADLINE: SEPTEMBER 30, 2015**



Each year, WoodWorks hosts an award program to recognize excellence in wood design and showcase innovative buildings that demonstrate wood's strength, beauty, versatility and cost-effectiveness.



There is no cost to nominate a project for a wood design award. Visit woodworks.org for details.

Categories:

- Multi-Story Wood Design
- Wood in Educational Buildings
- Wood in Government Buildings
- Commercial Wood Design
- Institutional Wood Design
- Green Building with Wood
- Beauty of Wood

About WoodWorks

Free project assistance for wood buildings

WoodWorks provides free resources related to the design, engineering and construction of non-residential and multi-family wood buildings.

For project assistance, email help@woodworks.org.



WoodWorks™
WOOD PRODUCTS COUNCIL

Past award winners (clockwise from left) – Jackson Hole Airport, Gensler, photo Matthew Millman; Drs. Julian & Raye Richardson Apartments, David Baker + Partners, photo Bruce Damonte; Live Oak Bank Headquarters, LS3P Associates Ltd., photo Mark Herboth; Federal Center South – Building 1202, ZGF Architects, photo Benjamin Benschneider; SAC Federal Credit Union Headquarters, LEO A DALY, photo Brad Anderson; (center) Stapleton Library, Andrew Berman Architect, photo Naho Kubota

Get Ready to Shake Out.



October 15, 10:15 a.m.

Shake Out

Register at www.ShakeOut.org

SoilStructure Software

SoilStructure.com presents:

DRILLED PIER SOFTWARE

Available at www.SoilStructure.com

Performs Axial capacity, Lateral capacity

And Reinforcement design of drilled piers.

2015 COURSE CATALOG AND REGISTRATION FORM

The 31st Annual Disaster Preparedness Academy

Prepare | Respond | Recover

Wednesday, October 28, 2015
Anaheim Convention Center



American
Red Cross



Keynote Speakers:

- Dr. Lucy Jones, Science Advisor for Risk Reduction, SAFRR Project, United States Geological Survey
- Mr. Randy Slynex, Environmental Compliance and Emergency Services Coordinator, South Coast Water District
- Ms. Mary Manney, Preparedness Program Manager, OC Health Care Agency

KPFF Portland is looking for

Both Experienced and Entry-Level Structural Engineers

KPFF is about freedom. Freedom to work on what inspires you. Our engineers work on a vast spectrum of projects that are located around the globe: from anchorage of mechanical systems to complex, non-linear analysis of high-rise structures, we do it all. We have all the benefits of a large, stable firm but none of the red tape that comes with it. Providing first-class service to our clients is what we're about. KPFF is experiencing solid growth and continues to innovate and adapt to better serve our clients. We are a group of dedicated, friendly, collaborative, hard-working engineers and we are looking for exceptional engineers to join us. Please use the appropriate link below to review job details and apply.

Experienced Structural Engineer - Apply Here (copy/paste into browser): http://chc.tbe.taleo.net/chc05/ats/careers/requisition.jsp?org=KPFF_2&cws=63&rid=73

Entry-Level Structural Engineer - Apply Here (copy/paste into browser): http://chc.tbe.taleo.net/chc05/ats/careers/requisition.jsp?org=KPFF_2&cws=63&rid=151

KPFF is an equal opportunity employer.

KPFF Portland is looking for

Both Experienced and Entry-Level **BIM / CAD Modelers**

KPFF is about freedom. Freedom to work on what inspires you. Our engineers work on a vast spectrum of projects that are located around the globe: from anchorage of mechanical systems to complex, non-linear analysis of high-rise structures, we do it all. We have all the benefits of a large, stable firm but none of the red tape that comes with it. Providing first-class service to our clients is what we're about. KPFF is experiencing solid growth and continues to innovate and adapt to better serve our clients. We are a group of dedicated, friendly, collaborative, hard-working engineers and we are looking for exceptional engineers to join us. Please use the appropriate link below to review job details and apply.

Experienced Modeler - Apply Here: http://chc.tbe.taleo.net/chc05/ats/careers/requisition.jsp?sessionId=C7E8EA90347EB424C07FBB0763537A6?org=KPFF_2&cws=63&rid=96

Entry-Level Modeler - Apply Here: http://chc.tbe.taleo.net/chc05/ats/careers/requisition.jsp?org=KPFF_2&cws=63&rid=255

KPFF is an equal opportunity employer.

Group Delta Consultants, Inc.

Catastrophe Response Team

Group Delta is seeking licensed civil and structural engineers with strong professional experience in evaluation of earthquake damaged residential and commercial structures.

Group Delta is building a forensic team with California experience and California licenses. If you have forensic experience evaluating structures, would like to perform earthquake damage evaluations, are interested in being a part of, and working with this team please contact Human Resources at HR@groupdelta.com.

SENIOR ENGINEERS & PROJECT MANAGERS

Holmes Culley is a San Francisco based structural engineering firm that is part of the broader Holmes Group of companies. Holmes Culley is expanding its California presence by opening an office in Los Angeles. The office will deliver our existing projects in Southern California and identify and develop new project opportunities.

Holmes Culley is actively seeking Senior Engineers and Project Managers for our new Los Angeles office. This is an excellent, ground-floor opportunity for a self-motivated individual to grow into a management position and help develop our Los Angeles office.

Essential functions of this position include:

- Provide technical leadership to structural engineers, drafters, and administrative support to ensure the accurate and timely completion of projects.
- Oversee the design and construction of projects, review and approval of documentation, including drawings and reports.
- Technical project planning for complex projects, including interactions with clients, architects and contractors, for all aspects of the project, including concept, planning, and design to project completion.
- Establish and monitor schedules and budgets as they relate to assigned projects.
- Develop new project opportunities with new and existing clients.

Candidates should have a M.S. in Structural Engineering, and a minimum of 6 years of related experience. Candidates must possess a valid PE license; SE license is also a plus.

Your work will be diverse, design based, client facing and include all aspects of a "consulting" service. You will be involved with assessing, strengthening and retrofitting existing buildings as well as designing new structures.

Visit www.holmesculley.com and send your resume with cover letter to hr@holmesculley.com.

BOARD OF DIRECTORS

July 1, 2015 - June 30, 2016

The SEAOSC Board of Directors works on the behalf of our membership. If there are general or specific items you would like to see the Board of Directors address or discuss please contact any of the SEAOSC Board members.

President

Michelle Kam-Biron
mkambiron@awc.org
805-410-2877

President-Elect

Jeff Ellis
jellis@strongtie.com
714-738-2029

Treasurer

Robert "Bob" Lyons
blyons@risha.com
818-729-9777

Immediate Past President

Kevin O'Connell
kdoconnell@sgh.com
213-271-1934

Directors

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818-285-2650

Victoria Wigle
vwigle@thorntontomasetti.com
310-665-0010

SEAOSC Executive Director

Lynn Hanger
seaosc@seaosc.org
562-908-6131

Get involved! Members are invited to join a SEAOSC committee. Please contact the chairperson for information on current projects and meeting times, dates and locations.

COMMITTEE LEADERS

Committees	*Board Contact Chair & Vice-Chairs	Phone	Email
Membership	Victoria Wigle* Kelsey Parolini	310-665-0010 805-439-2110	vwigle@thorntontomasetti.com kelsey@smithstructural.com
Younger Members	Todd Brown* Nathan Jo Paul St. Pierre	714-997-1145 818-441-8014 562-754-0258	tbrown@dalechristian.com nathanjo@gmail.com paulleonstpierre@gmail.com
Image & Public Relations	Paul Van Benschoten* Ken O'Dell Samuel Mengelkoch	818-285-2650 562-985-3200 310-323-9924	vanbenschoten@coffman.com kodell@mhpse.com smengelkoch@structuralfocus.com
Technology	Lynn Hanger* Casey Hemmatyar	562-908-6131 888-889-5643	seaosc@seaosc.org ckh@psfeg.com
Education Sub Cmte: Webinars	Lorena Arce* Tim Kaucher	562-332-0990 714-738-2151	arce@aisc.org tkaucher@strongtie.com
Professional Bus. Practices	Bob Lyons*	818-729-9777	blyons@risha.com
Building Codes & Stds.	Jeff Ellis* Carl Sramek	714-738-2029 562-799-6010	jellis@strongtie.com sramekca@aol.com
Seismology Sub Cmte: Research Sub Cmte: Steel Bldgs.	Colin Kumabe* Jesse Karns Mikhail Gershfeld Ashi Dhalwala Colin Kumabe	213-482-0447 562-964-7962 253-565-6600 310-828-1422 213-482-0447	colin.kumabe@lacity.org jkarns@sideplate.com mikhail.gershfeld@gmail.com ceginc1@yahoo.com colin.kumabe@lacity.org
Existing Buildings	Edgar Plazola* Daniel Zepeda	310-640-0123 213-596-5000	eplazola@insight-se.com dzepeda@degenkolb.com
Disaster Emergency Svcs.	Joseph Valancius* Doug Litchfield	818-240-1919 818-913-3558	valancius@kcse.com dlitchfield@mwdh2o.com
Quality Assurance Legislative Sustainable Design EPRS Ad Hoc	Bob Lyons* Kevin O'Connell* Jeff Haight* Leo Torres	818-729-9777 213-271-1934 805-963-1210 818-844-1969	blyons@risha.com kdoconnell@sgh.com jhaight@eshse.com torres@kcse.com

Please visit
www.seaosc.org/about-structural-engineering/committees
to view the annual
committee charges and
tasks.

