

**BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS**

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**OFFICIAL NOTICE AND AGENDA****BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND
GEOLOGISTS****JOINT MEETING OF THE
CIVIL ENGINEER and STRUCTURAL ENGINEER TECHNICAL ADVISORY
COMMITTEES**

**Department of Consumer Affairs HQ2
Ruby Room
1747 N. Market Blvd.
Sacramento, CA 95834**

A joint meeting of the Civil Engineer and Structural Engineer Technical Advisory Committees of the Board for Professional Engineers, Land Surveyors, and Geologists is scheduled to be held on **Wednesday July 15, 2015, , beginning at 10:30 A.M.** The meeting will be held at the address provided above in Sacramento, California.

The meeting is open, and the public is invited to attend. The meeting facilities are barrier-free in accordance with the Americans with Disabilities Act. A person who needs disability-related accommodations or modifications in order to participate in the meeting shall make a request by contacting Celina Calderone at (916) 263-2230 or email celina.calderone@dca.ca.gov or sending a written request to Ms. Calderone at the Board for Professional Engineers, Land Surveyors, and Geologists, 2535 Capitol Oaks Drive, Suite 300, Sacramento, California, 95833. Providing your request at least five (5) business days before the meeting will help to ensure availability of the requested accommodations.

Board Members are not members of the Technical Advisory Committees; however, Technical Advisory Committee meetings may be attended by Board Members

For further information regarding this meeting, please contact Celina Calderone at (916) 263-2230. Electronic copies of this Official Notice and Agenda are available at <http://www.bpelsq.ca.gov>.

NOTE: All times indicated and the orders of business are approximate and subject to change.

**JOINT MEETING OF THE
CIVIL ENGINEER and STRUCTURAL ENGINEER
TECHNICAL ADVISORY COMMITTEES
OF THE BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND
GEOLOGISTS**

**Department of Consumer Affairs HQ2
Ruby Room
1747 N. Market Blvd.
Sacramento, CA 95834**

Wednesday July 15, 2015, 10:30 A.M.

CIVIL ENGINEER TECHNICAL ADVISORY COMMITTEE

Members:	Neal Colwell, PE; James Foley, PE, GE, SE; Adam White, PE
Board Liaisons:	Robert Stockton, PE; Kathy Jones Irish
Staff Liaisons:	Susan Christ, PE

STRUCTURAL ENGINEER TECHNICAL ADVISORY COMMITTEE

Members:	Alireza Asgari, P.E., S.E.; Gregg Brandow, P.E., S.E.; Doug Hohbach, P.E., S.E.; Ryan Huxley, P.E., S.E.; Williston Warren, IV, P.E., S.E.
Board Liaisons:	Karen Roberts, P.E. S.E.
Staff Liaisons:	Susan Christ, P.E.

1. Roll Call
2. Public Comment
3. Discussion of Proposed Changes to Section 6735.2 of the [Professional Engineers Act, Business and Professions Code](#) as submitted by Structural Engineers Association of California. (Possible Action)
4. Other Business Not Requiring Committee Action
5. Adjourn

**Item 3: Discussion of Proposed Changes to Section 6735.2 of the
Professional Engineers Act, Business and Professions Code as submitted
by Structural Engineers Association of California. (Possible Action)**

Business and Professions Code section 6735.2 is added to read:

(a) (1) All structural engineering plans, calculations, specifications, and reports (hereinafter referred to as "structural engineering documents") for the construction of significant structures described in paragraph (2) shall be prepared by, or under the responsible charge of a licensed civil engineer who is also licensed as a structural engineer in accordance with Section 6736.

(2) "Significant structure" shall be defined as:

(A) hazardous facilities, defined as: structure housing, supporting, or containing sufficient quantities of toxic or explosive substances to be of danger to the safety of the public if released;

(B) special occupancy structures, defined as:

(i) building and other structures whose primary occupancy is public assembly with an occupant load greater than 300;

(ii) all public school structures, as provided under Chapter 3 (commencing with Section 17251) of Part 10.5 of Division 1 of Title 1 of the Education Code;

(iii) all private school buildings and other structures, kindergarten through 12th grade, with an occupant load greater than 250;

(iv) buildings and other structures containing adult education facilities, such as colleges and universities, with an occupant load greater than 500;

(v) skilled nursing facilities and intermediate care facilities, as provided under Part 7 (commencing with Section 129675) of Division 107 of the Health and Safety Code;

(vi) jails, detention facilities, and prisons; and

(vii) all buildings or structures with an occupant load greater than 5,000;

(C) hospitals, and other medical facilities having surgery and emergency treatment areas, as provided under Part 7 (commencing with Section 129675) of Division 107 of the Health and Safety Code;

(D) essential facilities, defined as:

(i) fire, rescue, and police stations;

(ii) emergency vehicle shelters and garages;

(iii) tanks or other structures containing, housing, or supporting water or fire suppression material or equipment required for the protection of essential or hazardous facilities or special occupancy structures;

(iv) emergency preparedness, communications, and operations centers and other facilities required for emergency response;

(v) power-generating stations required as emergency backup facilities for essential facilities and for facilities described in subsection (a)(2)(C);

(vi) aviation control towers, air traffic control centers, and emergency aircraft hangars; and

(vii) buildings and other structures having critical national defense functions;

(viii) essential facilities of one-story Type V or Type II B construction that are 2,000 square feet or less in floor area are exempt from this section;

(E) structures exceeding one hundred feet in height above average ground level;

(F) buildings that are customarily occupied by human beings and are four stories or 45 feet or more above average ground level and;

(G) off-shore structures exceeding fifty feet in height above the average sea bed or ground level.

(b) All structural engineering documents for the construction of significant structures as defined in subdivision (a) shall include the name and license number of the structural engineer in responsible charge of the preparation of the documents. Interim documents shall include a notation as to the intended purpose of the document, such as “preliminary,” “not for construction,” “for plan check only,” or “for review only.” All final structural engineering documents shall bear the signature and seal or stamp of the licensee and the date of signing and sealing or stamping. If the final structural engineering plans described above have multiple sheets, then the signature, seal or stamp, and date of signing and sealing or stamping shall appear on each sheet of the plans. If the structural engineering specifications, calculations, and reports described above have multiple pages, then the signature, seal or stamp, and date of signing and sealing or stamping shall appear at a minimum on the title sheet, cover sheet, or signature sheet.

(c) Notwithstanding subdivision (a), all structural engineering documents for the construction of significant structures as defined in subdivision (a), except for those structures described in subsections (a)(2)(B)(ii), (a)(2)(B)(v), and (a)(2)(C), may be prepared by, or under the responsible charge of civil engineers who were licensed prior to January 1, 20XX.

(d) Notwithstanding subdivision (a), a licensed structural engineer who signs structural engineering documents as described in subdivision (a) shall not be responsible for damage caused by subsequent changes to or uses of those documents, if the subsequent changes or uses, including changes or uses made by state or local governmental agencies, are not authorized or approved by the licensed structural engineer who originally signed the documents, provided that the engineering service rendered by the structural engineer who signed the documents was not also a proximate cause of the damage.

(e) Nothing in subsection (a)(2)(B)(ii) shall be construed to prohibit a licensed architect holding a valid certificate under Chapter 3 (commencing with Section 5500) of Division 3 of the Business and Professions Code from performing work as authorized under Chapter 3 (commencing with Section 17251) of Part 10.5 of Division 1 of Title 1 of the Education Code.