

# MINUTES OF THE BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

**Ventura County Government Center  
800 S. Victoria Ave., Room 344  
Ventura, CA 93009**

**March 3-4, 2016  
Thursday, March 3, beginning at 10:00 a.m.**

<b>Board Members Present:</b>	Robert Stockton, President; Coby King, Vice President; Natalie Alavi; Fel Amistad; Chelsea Esquibias; Kathy Jones Irish; Eric Johnson; Betsy Mathieson; Mohammad Qureshi; Karen Roberts; Jerry Silva; and Patrick Tami
<b>Board Members Absent:</b>	Asha Brooks, Hong Beom Rhee
<b>Board Staff Present:</b>	Ric Moore (Executive Officer); Nancy Eissler (Assistant Executive Officer); Celina Calderone (Board Liaison); Kara Williams (Budget Analyst); and Michael Santiago (Legal Counsel)

**I. Roll Call to Establish a Quorum**

President Stockton called the meeting to order at 10:00 a.m., and a quorum was established.

**II. Public Comment**

During public comment, Jeff Pratt, Public Works Director of Ventura County welcomed the Board and expressed their privilege for hosting the Board. He reported the county currently employs 60 licensees.

Paul Calloway, representing ASCE (American Society of Civil Engineers) Region 9, discussed the Raise the Bar initiative. It is seeking to increase the requirements prior to licensure of civil engineers. This initiative is based on an ASCE policy number 465 and is also a policy of NCEES Policy number 35. He asked the Board to agenda this topic in the future as an item and allow ASCE to conduct a presentation.

Hugh Robertson, CEG, AEG, and member of the Geology and Geophysicist TAC expressed his appreciation for having a local Board meeting. He offered the assistance of the AEG to the Board.

Bob Dewitt, representing ACEC, reported on a local agency requiring the engineer sign and seal plans on initial submittal. He noted that 99% of the time there are changes to plans and he is concerned with potential liability if permit is issued. Ms. Eissler suggested sending information to the Enforcement Unit so that staff can contact the local agencies to explain the laws.

Rob Mcmillan, representing CLSA, invited the Board to attend the 50<sup>th</sup> Annual Conference that will take place in Rohnert Park, CA.

**III. Letter Regarding Licensure of Engineering Faculty**

Mr. Moore reported that Howard Turner, representing Cal Poly Pomona, expressed his concerns that while the school has required licensure to teach, it is considering removing it from their requirements. Mr. Moore explained that while the Board cannot dictate what the hiring criteria should be, he recommended composing a letter encouraging licensure. President Stockton and Dr. Qureshi will review the letter prior to sending. Once there is a final draft it will be provided to the Board Members individually for comment.

<b>MOTION:</b>	Vice-President King and Dr. Amistad moved to have staff work with President Stockton and Dr. Qureshi to formulate a response as well as draft a policy in regards to licensure and education.
<b>VOTE:</b>	12-0, Motion Carried.

Member Name	Yes	No	Abstain	Absent	Recusal
Robert Stockton	X				
Coby King	X				
Natalie Alavi	X				
Fel Amistad	X				
Asha Brooks				X	
Chelsea Esquibias	X				
Eric Johnson	X				
Kathy Jones Irish	X				
Betsy Mathieson	X				
Mohammad Qureshi	X				
Hong Beom Rhee				X	
Karen Roberts	X				
William Silva	X				
Patrick Tami	X				

**IV. Legislation**

**A. Discussion of Legislation for 2016**

Ms. Williams presented the Legislative calendar and pointed out important dates.

She reported on the Omnibus Bill that is being authored by the Senate Business Professions and Economic Development Committee. The Board has requested that language be included in the bill to allow the Board to contract with a public or private entity for examination development and administration services relating to the geology and geophysics examinations. The Committee Consultant has indicated that the language will be included in the bill when it is introduced.

**SB 1085** This bill would require a licensee to complete an online examination related to the Board laws and regulations at the time of renewal. This bill is needed to safeguard the public from unnecessary non practice related violations of the laws committed by California Professional Engineers, Land Surveyors, or Geologists.

<b>MOTION:</b>	Mr. Tami and Ms. Jones Irish moved to take a support position on the bill.
<b>VOTE:</b>	12-0, Motion Carried.

Member Name	Yes	No	Abstain	Absent	Recusal
Robert Stockton	X				
Coby King	X				
Natalie Alavi	X				
Fel Amistad	X				
Asha Brooks				X	
Chelsea Esquibias	X				
Eric Johnson	X				
Kathy Jones Irish	X				
Betsy Mathieson	X				
Mohammad Qureshi	X				
Hong Beom Rhee				X	
Karen Roberts	X				
William Silva	X				
Patrick Tami	X				

**SB 1099** The Professional Land Surveyors' Act establishes the Board for Professional Engineers, Land Surveyors, and Geologists within the Department of Consumer Affairs for the licensure and regulation of land surveyors and requires any person practicing, or offering to practice land surveying in the state to submit evidence that he or she is qualified to practice and to be licensed under the act.

<b>MOTION:</b>	Mr. Tami and Ms. Mathieson moved to take a watch position.
<b>VOTE:</b>	12-0, Motion Carried.

Member Name	Yes	No	Abstain	Absent	Recusal
Robert Stockton	X				
Coby King	X				
Natalie Alavi	X				
Fel Amistad	X				
Asha Brooks				X	

Chelsea Esquibias	X				
Eric Johnson	X				
Kathy Jones Irish	X				
Betsy Mathieson	X				
Mohammad Qureshi	X				
Hong Beom Rhee				X	
Karen Roberts	X				
William Silva	X				
Patrick Tami	X				

**SB 1165** This bill would require professional geologists and geophysicists to both sign and seal their final work product documents to indicate their responsibility for them and to require professional geologists and geophysicists to obtain a seal or stamp. This bill would also extend the delinquent reinstatement rights to a licensee from 3 to 5 years after the expiration of their license.

<b>MOTION:</b>	Mr. King and Ms. Alavi moved to take a support position.
<b>VOTE:</b>	12-0, Motion Carried.

Member Name	Yes	No	Abstain	Absent	Recusal
Robert Stockton	X				
Coby King	X				
Natalie Alavi	X				
Fel Amistad	X				
Asha Brooks				X	
Chelsea Esquibias	X				
Eric Johnson	X				
Kathy Jones Irish	X				
Betsy Mathieson	X				
Mohammad Qureshi	X				
Hong Beom Rhee				X	
Karen Roberts	X				
William Silva	X				
Patrick Tami	X				

**AB 320** This bill would add the title “Environmental Engineer” to the Board’s title acts. The Board is opposed to adding new title acts to statute because title acts do not regulate the practice of the title branch of engineering, they only regulate the title itself. Additionally, adding the title “Environmental Engineer” would be difficult to define in regulation due to the need to prevent overlap with regulated practices such as civil engineering and geology.

Mr. Moore added he received information from DCA that the author's office stated late January that Assembly Member Wood plans to move this bill and the deadline for action is July 1, 2016.

The Board maintained an opposed position.

**AB 12** This bill would require every state agency, department, board, or bureau to review and revise regulations to eliminate inconsistencies overlapping duplicative and outdate regulations.

The Board maintained a watch position

**AB 507** This bill would require the Department of Consumer Affairs to submit an annual report to the legislature and the Department of Finance for third phase BreZE implementation.

The Board maintained a watch position.

**SB 209** This bill would require the Department of Conservation lead agency employees to become certified and have opportunities for continuing education. Additionally, this bill would require the inspection surface mining operations to be performed by an appropriately licensed California licensed professionals.

Ms. Mathieson suggested the staff analysis may be outdated on the basis of amendments that appear later. The summary indicates continuing educational opportunities for lead agency employees to become certified, as appropriate, by the department to inspect surface mining operations and the last sentence indicates, the bill would require the inspections be conducted by certain licensees, as specified which contradicts the language of the bill. It does not indicate whether the lead agency employees who will be given the opportunity to receive continuing education to become certified to do inspections must be licensed. The language that appears later states the lead agency shall cause an inspection to be conducted by a licensee or a qualified lead agency employee. States that a qualified lead agency employee does not have to be licensed to conduct inspections.

Ms. Eissler explained that the Legislative Counsel’s digest that is in the bill may not reflect what is actually in the bill and suggested that staff review the bill to clearly define anything that pertains to geology, civil engineering, or geophysics; that those inspections must be performed by a licensee.

<b>MOTION:</b>	Vice-President King and Ms. Alavi moved to change position to support if amended, specifically the need for inspections and reviews to be completed by an appropriately licensed professional and directing staff to review bill to determine if there are other issues to consider.
<b>VOTE:</b>	12-0, Motion Carried.

Member Name	Yes	No	Abstain	Absent	Recusal
Robert Stockton	X				
Coby King	X				
Natalie Alavi	X				
Fel Amistad	X				
Asha Brooks				X	
Chelsea Esquibias	X				
Eric Johnson	X				
Kathy Jones Irish	X				
Betsy Mathieson	X				
Mohammad Qureshi	X				
Hong Beom Rhee				X	
Karen Roberts	X				
William Silva		X			
Patrick Tami	X				

**V. Consideration of Rulemaking Proposals**

**A. Request for Waiver of Examinations Pursuant to Business and Professions Code section 6755(d)**

Mr. Moore explained that the Board has a statute in place that allows the Board to establish by rule, a waiver for second division examinations for individuals who the Board believes are eminently qualified. In order to entertain such requests, it must determine whether to go through the rulemaking process to establish rules to waive examinations. Currently, the Board cannot waive examinations without regulations in place

During public comment, Mr. Rastandeh thanked the Board for their time and read a letter representing himself and his colleagues into record. He requested all exams for civil engineering license be waived for persons eminently qualified for registration by virtue of their standing in the engineering community and their experiences the Board deems appropriate. He explained they are a group of civil engineering project

managers mostly over the age of 55 working for the City of San Diego who manage public works projects and other public and private land development projects at a ministerial level. They do not act in responsible charge. Their experience comes from years of project and construction management. He asked that the Board consider approving the request to waive all examinations and grant them a civil engineering license.

Ms. Eissler explained the Board does not have the legal authority to grant a waiver of any of the second division examinations at this time. The Board needs to decide if they want to move forward with the rulemaking process and draft language to address what is meant in statute by “eminently qualified by virtue of their standing in the engineering community, experience, and other qualifications the Board deems appropriate.”

Mr. Rastandeh indicated that they are managing, mentoring, and teaching the younger people who eventually get their licenses and ultimately promote.

Mr. Tami pointed out that the Board offers special accommodations to those candidates that meet certain requirements. He encouraged Mr. Rastandeh and his colleagues to seek out these opportunities. Mr. Rastandeh indicated that they did pursue special accommodations but it did not work for them.

Ms. Eissler noted that the Board has received these types of requests in the past and the Board has always felt that the professional level examination component is very important towards licensure. While there are provisions to waive the fundamentals examinations or the in-training certificate based on education and work experience, the Board has never felt that it would be appropriate in protecting the public health, safety, and welfare to waive the professional level examination.

President Stockton was concerned with criteria that determines eminently qualified for registration by virtue of their standing in the engineering community.

While Dr. Qureshi understands that it is a hindrance to promotion, he is concerned that if the license is issued, it would provide much more liberty to do things that may not be considered. It then becomes a detriment to public health and safety.

Ms. Alavi understands that there may be an issue with candidates not passing the Fundamentals examinations if they have been out of school for a long time but inquired as to why they cannot pass the second division examination.

Mr. Rastandeh explained that due to their age they have become slower. Speed is a big factor.

Dr. Qureshi made a motion to direct staff to draft suggested language to lead to rulemaking, but since there was not a second, the motion died.

Mr. Tami does not agree with moving forward. He noted there are a lot of projects put on staff that are not completed because their assignments are increasing. Ms. Mathieson and President Stockton agreed.

<b>MOTION:</b>	Mr. Tami and Ms. Mathieson moved to not go forward with rulemaking process to define “eminently qualified” under Section 6755(d) or to allow for a waiver of the second division examinations.
<b>VOTE:</b>	11-1, Motion Carried.

Member Name	Yes	No	Abstain	Absent	Recusal
Robert Stockton	X				
Coby King	X				
Natalie Alavi	X				
Fel Amistad	X				
Asha Brooks				X	
Chelsea Esquibias	X				
Eric Johnson	X				
Kathy Jones Irish	X				
Betsy Mathieson	X				
Mohammad Qureshi	X				
Hong Beom Rhee				X	
Karen Roberts	X				
William Silva		X			
Patrick Tami	X				

**B. Approval and/or Adoption of Proposed Amendments to Title 16, California Code of Regulations section 464 (Corner Records)**

Mr. Moore reviewed the proposed amendments to Board Rule 464 regarding the preparation and filing of corner records. A 45-day public comment period was issued November 13, 2015 and a public hearing was held on January 5, 2016.

<b>MOTION:</b>	Mr. Tami and Ms. Jones Irish moved to approve the modified text and direct staff to issue a 15-day notice regarding the modified text for changes to Title 16, CCR Section 464.
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<b>VOTE:</b>	12-0, Motion Carried.
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Member Name	Yes	No	Abstain	Absent	Recusal
Robert Stockton	X				
Coby King	X				
Natalie Alavi	X				
Fel Amistad	X				
Asha Brooks				X	
Chelsea Esquibias	X				
Eric Johnson	X				
Kathy Jones Irish	X				
Betsy Mathieson	X				
Mohammad Qureshi	X				
Hong Beom Rhee				X	
Karen Roberts	X				
William Silva	X				
Patrick Tami	X				

<b>MOTION:</b>	Mr. Tami and Dr. Qureshi moved to adopt the staff's recommended responses to the public comments as received.
<b>VOTE:</b>	12-0, Motion Carried.

Member Name	Yes	No	Abstain	Absent	Recusal
Robert Stockton	X				
Coby King	X				
Natalie Alavi	X				
Fel Amistad	X				
Asha Brooks				X	
Chelsea Esquibias	X				
Eric Johnson	X				
Kathy Jones Irish	X				
Betsy Mathieson	X				
Mohammad Qureshi	X				
Hong Beom Rhee				X	
Karen Roberts	X				
William Silva	X				
Patrick Tami	X				

**VI. Enforcement**

A. Enforcement Statistical Report

Ms. Eissler reported that cases are continuing to move along and the investigations are getting completed in a timely manner. Approximately

half of the cases over a year old are with the Division of Investigation and they are moving forward with those investigations, some of which involve unlicensed activity and search warrants that can extend the time it takes to close a case.

Ms. Eissler also explained the enforcement process for the benefit of the newer Board members.

**VII. Exams/Licensing**

**A. Correction to Professional Geophysicist Examination Test Plan**

Mr. Moore provided a brief explanation of how the state examinations are developed based on a test plan. This is a result of an occupational analysis which occurs approximately every 5 years to account for any changes in the professions.

There appeared to be a typographical error in the geophysicist test plan in which the word *electrical* was used instead of *gravity* and recommended the Board approve the revision.

<b>MOTION:</b>	Ms. Mathieson and Dr. Qureshi moved to approve as amended.
<b>VOTE:</b>	11-0, Motion Carried.

Member Name	Yes	No	Abstain	Absent	Recusal
Robert Stockton	X				
Coby King	X				
Natalie Alavi	X				
Fel Amistad	X				
Asha Brooks				X	
Chelsea Esquibias	X				
Eric Johnson	X				
Kathy Jones Irish	X				
Betsy Mathieson	X				
Mohammad Qureshi	X				
Hong Beom Rhee				X	
Karen Roberts	X				
William Silva	X				
Patrick Tami	X				

Mr. Moore added that NCEES registrations are currently being finalized and reported that the following examinations are scheduled to take place:

- California State Examination for geologists - March 8
- National ASBOG examinations - March 18
- Seismic Principles and Engineering Surveying - April 6 through 27
- NCEES National examinations - April 15

- State specific Professional Land Surveying examination - April 18

Mr. Moore updated the Board on the fingerprinting program. Candidates who passed the October 2015 are just now being licensed as they had to still submit their fingerprints.

Mr. Tami inquired as to how many candidates do not report their convictions as they should. Ms. Eissler indicated that she believed it was approximately 25% but would research and bring those statistics to the next meeting.

### **VIII. Approval of Delinquent Reinstatements**

No report given.

### **IX. Administration**

#### **A. Budget Summary**

Ms. Williams reported on the Engineers and Land Surveyors and the Geologist and Geophysicist funds. She indicated that overall the Board is generating more revenue than allocated expenses and is projected to have a surplus at the end of the year.

### **X. Executive Officer's Report**

#### **A. Legislation and Regulation Workgroup Summary**

Ms. Eissler reported that the citation regulation proposal has been submitted to the Office of Administrative Law to be published and noticed for the 45-day comment period beginning March 11, 2016.

#### **B. Personnel**

Mr. Moore reported that staff is preparing to interview for the psychometrician position. Jessica Glover and Danielle Rangel have been hired as seasonal employees to aide with the Enforcement Unit and Licensing Unit workload. The Senior Registrar, Land Surveying list has expired and a new examination must be administered to develop a new hiring list.

#### **C. BreEZe Update**

Release II has gone live with minor issues that have been resolved. Another release is anticipated this month and an update is expected.

#### **D. Business Process Assessment Contract**

Mr. Moore, Ms. Eissler, and Ms. Jones Irish conducted interviews with several firms. A selection was made and the paperwork submitted to the Department and the Department of General Services. In approximately 2-3 weeks an offer may be made. Anticipated start day is April 1, 2016.

#### **E. ABET**

Mr. Moore reported on behalf of Laurie Racca that ABET is beginning to do accreditation of Geology programs. Mr. Tami discussed the possibility of changing evaluation criteria. Mr. Moore received some notification and once more information is received, it will be included on the next agenda.

**F. ASBOG**

Mr. Moore announced that ASBOG has a new Executive Director who in her short term has collaborated with staff and developed a partnership with the Board.

**G. NCEES**

**1. Nomination of NCEES Emeritus Members**

Mr. Tami left the room during the discussion.

<b>MOTION:</b>	Mr. Silva and Ms. Alavi moved to nominate Patrick Tami as an Emeritus member of the California Board effective immediately upon the end of his tenure as an active member, subject to the approval of the NCEES Board of Directors.
<b>VOTE:</b>	11-0, Motion Carried.

Member Name	Yes	No	Abstain	Absent	Recusal
Robert Stockton	X				
Coby King	X				
Natalie Alavi	X				
Fel Amistad	X				
Asha Brooks				X	
Chelsea Esquibias	X				
Eric Johnson	X				
Kathy Jones Irish	X				
Betsy Mathieson	X				
Mohammad Qureshi	X				
Hong Beom Rhee				X	
Karen Roberts	X				
William Silva	X				
Patrick Tami					X

**2. NCEES Interim Zone Meeting**

Mr. Moore reported that both Vice-President King and Dr. Qureshi will represent California at the NCEES Interim Zone meeting pending Out-of-State travel approval.

**XIII. Approval of Consent Items**

(These items are before the Board for consent and will be approved with a single motion. Any item that a Board member wishes to discuss will be removed from the consent items and considered separately.)

- A. Approval of the Minutes of the January 14, 2016, Board Meeting  
Ms. Mathieson had several changes. Ms. Eissler recommended submitting them in writing so that staff can make the changes and then present the minutes at the next Board meeting for approval.

The Board recessed at 4:30 p.m.

**Friday, March 4, beginning at 9:00 a.m.**

<b>Board Members Present:</b>	Robert Stockton, President; Coby King, Vice President; Fel Amistad; Chelsea Esquibias; Eric Johnson; Betsy Mathieson; Mohammad Qureshi; Karen Roberts; Jerry Silva; and Patrick Tami
<b>Board Members Absent:</b>	Natalie Alavi; Asha Brooks; Kathy Jones Irish; Hong Beom Rhee
<b>Board Staff Present:</b>	Ric Moore (Executive Officer); Nancy Eissler (Assistant Executive Officer); Celina Calderone (Board Liaison); and Michael Santiago (Legal Counsel)

**I. Roll Call to Establish a Quorum**

President Stockton called the meeting to order at 9:07 a.m., and a quorum was established.

**II. Public Comment**

No public comment

**X. Executive Officer's Report (Cont.)**

1. Report from NCEES February 6, 2016 MBA Meeting

Mr. Moore attended the NCEES Member Board Administrator meeting in Atlanta, GA.

The Fundamentals examinations completed two full years as a Computer Based Test (CBT) examinations. The FE numbers are going up while the FS numbers have remained the same. He reported that NCEES has elected to change the testing windows to be on a continuous basis, eliminating the quarterly closed months in between. The last paper-based administration of the Principles of Surveying examination will take place April 15, 2016. Registration of the computer based version of the examination will commence June 2016.

A preliminary schedule was provided for the remainder of the examinations that will be converted to CBT. They are anticipating the release of the chemical and nuclear examinations in 2018 with full integration of all PE examinations by 2023.

The NCEES policy that directs all examinees who achieve an acceptable score on one 8-hour component of the Structural examination must achieve an acceptable score on the second 8-hour component within five years of the date of achieving an acceptable score on the first component. If not, then the candidate must start the process over. Even though some member boards do not have attempt restrictions, the Examination Policy and Procedures Committee choose to maintain this policy. NCEES will continue to monitor and keep examinees notified.

NCEES is redesigning its registration system by integrating the various database services into one. It is expected to launch June 2016 to coincide with the fall 2016 registration period.

#### H. Outreach

Mr. Moore noted the Board has been busy with outreach presentations. Ms. Racca worked with SOLID to produce a video from the workshops she hosted February 19 and 26 in Riverside and Sacramento. Ms. Mathieson commended Ms. Racca on her outreach efforts. Ms. Racca will provide more information at the April meeting. There will be several meetings in the next few weeks to discuss the Board's legislative and rulemaking proposals. Mr. Moore added that Mike Donelson and Susan Christ were invited to San Diego to make a presentation to the Navy's Southwest Division. Ms. Esquibias reported that she attended a presentation with Ms. Racca held at Cal State Bakersfield. She was impressed with the presentation and with the number of students that attended.

Mr. Moore added that over the years it has been suggested by staff to produce a video on how to complete an application. Dr. Qureshi asked that a presentation be done on how to fill out a reference form as well.

#### I. Report on Little Hoover Commission February 4, 2016 Hearing on Occupational Licensing

Mr. Moore reported that the Board received correspondence from the Little Hoover Commission inviting the Board to provide recommendations on their intended review of occupational licensing in California. He and Ms. Eissler attended the hearing. He believed there was a lot of disappointment by what was being discussed. There was a push for deregulation of licensing, not specific to the Board, but doing away with occupational licensing in general. Currently in Arizona, there is a proposal to deregulate geology and landscape architects licenses. Mr. Moore received a call from the Governor's office and discussed the hurdles and flexibility to establish licensure.

### XI. Technical Advisory Committees (TACs)

#### A. Assignment of Items to TACs

No report given.

#### B. Appointment of TAC Members

No report given.

#### C. Reports from the TACs

##### 1. LS TAC March 2, 2016, Meeting

Mr. Moore reported on the Land Surveying TAC meeting that took place March 2, 2016. They provided additional input for Board Rule 425, the regulation on requirements for licensure as a land surveyor. They also provided recommendations for the Guide to Engineering & Land Surveying for City and County Officials. Mr. Tami added that

they discussed Business and Professions Code section 8726 with regards to contractors allegedly performing surveying.

Mr. Moore will review TAC appointments and expiration dates for possible reappointments at next meeting.

**XII. President's Report/Board Member Activities**

President Stockton will work on a presentation for CalPoly Pomona faculty.

**XIV. Other Items Not Requiring Board Action**

A. Next Board Meeting: April 21-22, 2016, in Santa Rosa

**XV. Closed Session – Personnel Matters, Examination Procedures and Results, Administrative Adjudication, and Pending Litigation (As Needed) [Pursuant to Government Code sections 11126(a) and (b), 11126(c)(1), 11126(c)(3), 11126 (e)(1), and 11126(e)(2)(B)(i)]**

A. Civil Litigation

1. Thomas Lutge v. Board for Professional Engineers, Land Surveyors, and Geologists, Department of Consumer Affairs, Court of Appeal, Third Appellate District, Case No. C075779 (Sacramento Superior Court Case No. 34-2012-80001329-CU-WM-GDS)
2. Joseph Elfelt v. Board for Professional Engineers, Land Surveyors, and Geologists, Department of Consumer Affairs, Sacramento Superior Court Case No. 34-2015-80002130

**XVI. Open Session to Announce the Results of Closed Session**

During Closed Session the Board discussed pending litigation as noticed and took action on two stipulations, one default decision, and one proposed decision.

**XVII. Adjourn**

Meeting adjourned at 11:23 a.m.

**PUBLIC PRESENT**

Bob DeWitt, ACEC CA

Hugh Robertson, Robertson Geotechnical

Paul Callaway, ASCE

Rob McMillan, CLSA

Abbas Rastandeh, City of San Diego

Frank Maxim, Ventura City Surveyor

Wayne Battleson, Ventura County Surveyor

Dan Walsh, County of Ventura Deputy County Surveyor