



2006 SEI Awards

SEI had a great celebration of excellence in Structural Engineering at the Structures Congress in St. Louis, May 18-20. Join us in congratulating and recognizing the following recipients of two of the 2006 SEI Awards.

The 2006 **Dennis L. Tewksbury Award** recipient is James A. Rossberg, P.E. The Tewksbury award recognizes a member of the Structural Engineering Institute (SEI) for distinguished service to the Institute. The nominating committee chose to present the award to Mr. Rossberg for his untiring work well beyond the call of duty in his position as Director of the Structural Engineering Institute, and, in particular, for his innovative and visionary leadership that promotes the growth and visibility of SEI, provides valuable service to the membership and to the society at large, and last but not least, fosters working relationships between SEI and other structural engineering organizations.



James A. Rossberg, P.E.

The 2006 recipient for the **Walter P. Moore Jr. Award** goes to Lawrence G. Griffis, P.E. This award is presented annually to a structural engineer who has demonstrated technical expertise in and dedication to the development of structural codes and standards. The contribution may be in the form of papers, presentations, extensive practical experience, research, committee participation or through other activities. Mr. Griffis is recognized for his long and dedicated contributions to the development of state-of-the-art wind load provisions in structural engineering codes and standards. He is currently a Senior Principle and President of the Structural Engineering Division of Walter P. Moore's Austin, Texas office. ■



Lawrence G. Griffis, P.E.

Structural Engineering Institute of ASCE

2007 SEI Awards Program Deadlines:

Do you want to nominate someone to receive one of SEI's awards next year? The deadline for the Dennis L. Tewksbury, Walter P. Moore, Jr. and Wilhoite Awards is November 1, 2006. Please visit www.SEIInstitute.org for criteria and application procedures. ■

Coming: full report on the Structures Congress in the July STRUCTURE® pages!

Structural Columns

Journal of Structural Engineering: June 2006

Sashi K. Kunath, Editor
University of California at Davis

The June 2006 issue of the *Journal of Structural Engineering* opens with a set of papers dealing with seismic effects on structures, including seismic protection using damping devices and structural control. The remaining papers cover topics that fall within the purview of the following technical committees: metal structures, concrete and masonry structures (including a paper dealing with fire resistance of concrete tunnels), wind effects, analysis and computation, and structural optimization. Two discussions round out the June issue: the first on the practical applicability of Chen and Kareem's 2004 proposed Equivalent Static Wind Load (ESWL) Model, and the second on Aviles and Perez-Rocha's 2005 conclusion that for relatively squat buildings, the same reduction factors computed for fixed-base models are applicable for soft soils. ■

To subscribe to the *Journal of Structural Engineering*, please visit www.pubs.asce.org/journals/st.html for more information.

Papers of Interest in Other ASCE Journals

Almutairi, N.B., Hassan, M.F., Abdel-Rohman, M. and Terro, M. (2006). "Control of suspension bridge nonlinear vibrations due to moving loads." *J. Eng. Mech.*, 132(6).

Bernal, D. (2006). "Flexibility-based damage localization from stochastic realization results." *J. Eng. Mech.*, 132(6).

Korany, Y. And Drysdale, R. (2006). "Rehabilitation of masonry walls using unobtrusive FRP techniques for enhanced out-of-plane seismic resistance." *J. Compos. Constr.* 9(3).

Saenz, N. and Pantelides, C. (2006). "Short- and medium-term durability evaluation of FRP-confined circular concrete." *J. Compos. Constr.* 9(3).

Shi, X., Liang, J. and Burnett, E. (2006). "Mechanics and test study of two-dimensional flexible membranes." *J. Archit. Eng.* 12(2).

Smyth, A.W. and Gjelsvik, A. (2006). "An energy capacity criterion for the design of columns against collapse." *J. Eng. Mech.*, 132(6). ■

ASCE 37 Call for Suggestions for Standard

SEI/ASCE 37-07 Design Loads on Structures during Construction

The ASCE 37 standard has been in public use for over four years. The work of revising and reconfirming its provisions for a 2007 edition has commenced. The SEI/ASCE 37 Standard Committee is inviting, indeed seeking, comments, questions and suggestions from anyone who has seen or used the document.

The following are highlights for the benefit of those who are not yet familiar with the standard:

Scope

The standard addresses partially completed structures and temporary structures used during construction.

Purpose

To provide minimum design load requirements during construction for buildings and other structures.

Objective

To establish design loads, load combinations and safety factors to be used in the analysis and design of structures during transient stages of construction, as well as temporary structures used in construction operations.



What Is New?

The construction loads, load combinations and load factors account for the often short duration of loading, and for the variability of temporary loads.

Level of Safety

The design loads shall provide for a level of safety of partially completed structures, and temporary structures used in construction, that is comparable to the level of safety of completed structures.

Design Responsibility

The standard does not specify who the responsible party is for the design of temporary structures or temporary supports, or for the temporary use of incomplete structures.

Alternate Standards

When a construction loading is covered in a document which is acceptable to the authority having jurisdiction, written to address a specific material or method of construction, the more applicable document shall be permitted to be followed. ■

Correspondence should be sent, preferably by email, to the SEI/ASCE 37 Standard Committee:

Robert Ratay, 198 Rockwood Road, Manhasset, NY 11030, Tel & Fax 516-627-1333,

Email structures@robertratay.com or

Cris Subrizi, 866 Green Street #6, San Francisco, CA 94133, Tel & Fax 415-775-3056,

Email cris@msa-sf.com. ■

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