
ERNEST A. HERZOG AWARD CALL FOR PAPERS

BACKGROUND

Ernest A. Herzog was a nationally recognized civil engineer. During his career, he served a term as president of the Boston Society of Civil Engineers Section and was also a fellow of the American Society of Civil Engineers (1987).

Mr. Herzog began his career with Spencer, White and Prentis at the atomic energy facility in Oak Ridge, Tennessee. After World War II, he transferred to a Boston-based firm named Chas. T. Main Inc. Eventually, Mr Herzog joined the firm of Alonzo B. Reed Inc. where he progressed into the highest role of president and remained in that role for 20 years thereafter.

While in the transportation field, Mr. Herzog was actively involved in the design and construction of the monorail used at the 1962 Seattle World's Fair. This monorail, which is still in use today, has served as the prototype for several other monorail systems including those at Disney Land in Anaheim, California, Disney World in Orlando, Florida, and one in Tokyo, Japan. In fact, Mr. Herzog was a strong and persistent advocate of a monorail system to serve Boston's south shore communities to relieve the traffic congestion on the Southeast Expressway.

In 1973, Mr. Herzog co-founded Herzog-Hart, a full-service engineering firm that specializes in the design and construction of research and production facilities for the pharmaceutical and process industries.

Mr. Herzog was well known for his generous support of and encouragement to young college students and young professionals just at the onset of their careers. He lectured at Tufts University, Dartmouth College, University of Massachusetts, and Northeastern University. He also wrote and published numerous papers, particularly concerning the effects of transportation systems on society.

In memory of Mr. Herzog's commendable career achievements, the Ernest A. Herzog Award was established to promote an awareness of and to recognize innovative improvements to infrastructure.

PAPER GUIDELINES

The award recipient shall submit a paper that identifies an infrastructure project, innovation, or idea in which the author was actively involved in as an owner, advocate, engineer, or end-user. The paper must be well written and address specific benefits to current professional practices, lifestyle, and/or sustainability through the application of existing or innovative technologies or methods. Areas of application may include design, construction, operation, maintenance, management or financing of infrastructure components or systems.

RULES

- A. The recipient shall submit an original paper that describes the nature of the candidate project, innovation, or idea. The paper should not be less than 1,000 words and not more than 4,000 words. It should highlight the benefits from the project. Graphic material including photographs should be included to highlight specific areas of the project. The paper may have been previously published in a journal.
- B. Three copies of the papers shall be submitted to:
 BSCES
 The Engineering Center
 One Walnut Street
 Boston, MA 02108-3616
 Attn: Infrastructure Group,
 Herzog Award Committee

An electronic copy should also be sent to pdestefano@louisberger.com

Deadline for submittal: **Thursday, March 31, 2011.**

- C. The recipient may be invited to give a short presentation on the paper at the BSCES Infrastructure Group Online Bridge Design Contest Awards Celebration in May 2011. Original papers may be submitted (with authors permission) for publication in the semi-annual BSCES Journal.

REVIEWERS

The BSCES Infrastructure Group Herzog Award Competition Subcommittee.

EVALUATION CRITERIA

Topics for the papers shall be related to infrastructure. Papers are evaluated by the reviewers on the following criteria:

- A. Technical writing; organization, graphics, grammar, and technical accuracy (30%)
- B. Benefits to the current design, construction, operation, maintenance, or financing practices of infrastructure (20%)
- C. Innovation; uniqueness of concepts (10%)
- D. Benefits to lifestyle of the general public or other end-users (20%)
- E. Sustainability, life-cycle cost benefits, or cost effectiveness (20%)

AWARD

The award presentation will be made at the BSCES Infrastructure Group Online Bridge Design Contest Awards Celebration in May 2011. The recipient will receive a monetary award and a memorable gift.

THE BSCES INFRASTRUCTURE GROUP

Infrastructure is defined as all existing public and publicly regulated facilities necessary to support social and economic need including, but not limited to, the following: streets and highways, bridges, railroads, mass transit, airports, seaports, energy and water supply and distribution systems, wastewater collection and treatment systems, stormwater collection systems, dams and flood control facilities, solid waste disposal systems, parks, electric facilities, natural gas facilities, communications systems and buildings. The BSCES infrastructure group has the mission of spreading awareness of infrastructure within and beyond the engineer community. Anyone wishing to join the Infrastructure Group should contact our chair Michelle Jose (email: mjose@gpinet.com). Meetings are held monthly.