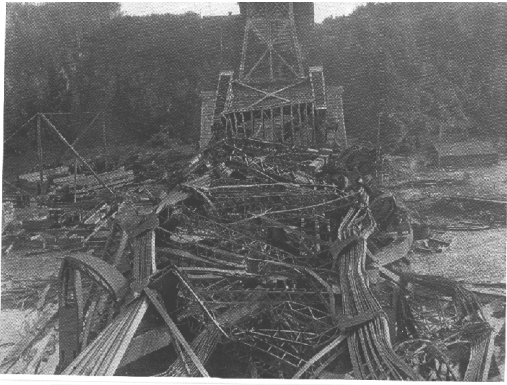


Why the Order of the Engineer?



The Failed Québec Bridge

In the early 1900's, a group of local business men hired the Phoenix Bridge Company along with a famous bridge engineer from New York, to design and build the longest spanning bridge in the world. The bridge was to span 2,800 feet over the St. Lawrence River in Quebec Canada and was to have one single span 1,800 long, 150 feet above the water.

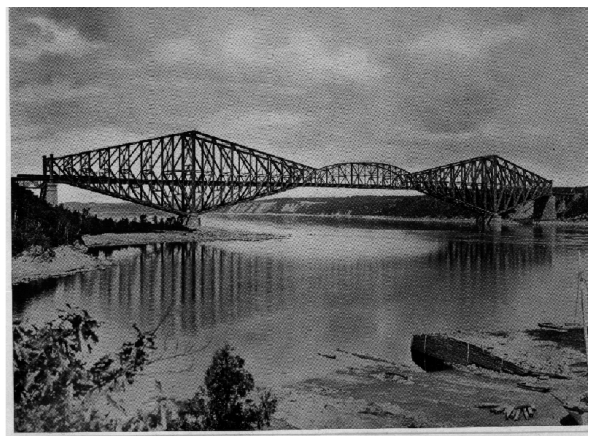
An error was made in calculating the weight of the 1,800 foot single span and even though it was detected in review, the bridge was allowed to be constructed. Other warning signs appeared including bent girders yet the work continued. The engineering team pressured by schedules and other factors overlooked these issues, justifying them as being within engineering tolerances.

On August 29, 1907 the bridge collapsed killing 75 workers. Determined that such a tragedy would never occur again, a local group of engineers sought the help of renowned author Rudyard Kipling to write a ceremony that instill into the young engineers the awesome responsibility they have for the health and safety of the general public. During the ceremony, know as the "Ritual of the Calling of an Engineer", the inductees accept an Obligation which is a creed similar to the oath attributed to Hippocrates (460-377 B.C.) that is generally taken by medical graduates and which sets forth an ethical code. They are also given an iron ring, originally made out of the debris of the fallen Québec Bridge. The ring is worn on the little finger of the working hand as a symbol of the engineer and a reminder of their responsibility to the public.

Due to copy right laws and other conflicting factors, the ceremony was unable to be extended south so in 1970, a group of engineers in Ohio, in association with the Canadian engineers, formed the "Order of the Engineer" with the basic premise as the Ritual of the Calling of an Engineer.

The Order of the Engineer was initiated in the United States to foster a spirit of pride, individual integrity and responsibility in the engineering profession, to bridge the gap between training and practice; and to present to the public a visible symbol identifying the engineer. During the ceremony, engineers are invited to accept the Obligation of the Engineer and to wear a stainless steel ring. The Order is not a membership organization; there are never any meetings to attend or dues to pay. Instead, the Order does foster a unity of purpose and the honoring of one's pledge lifelong.

Engineer's week is designated as the last week of February of each year. We feel that there is no better way to celebrate the great profession of engineering than to participate in a ceremony on February 21, 2009 at 5:30 p.m. at the Gold Coast Casino just prior to the awards dinner. Allen Pavelka, P.E., Design Manager for Clark County Public Works, will be our guest speaker. If you'd like to join us please complete the application form on the reverse side of this announcement and return to Denis Atwood. We look forward to seeing you there.



The Completed Québec Bridge



The Order of the Engineer Application Form

For those who wish to join us on February 21, 2009, please complete the following application:

Name: _____ Employer/Engineering School: _____
(Please Print)

Address: _____

Phone: _____ Fax: _____

Email: _____

Title: _____ Ring Size (little finger of working hand. If known): _____
(Ring sizing kits will be available at ceremony)

You must meet one of the following criteria to be eligible for membership into the order. Please check which one is applicable:

- Graduate from an ABET-accredited engineering program
- A student currently enrolled in an ABET-accredited engineering degree program within two academic terms of graduation
- Hold a license as a Professional Engineer and are in good standing. Area of Practice: _____
- Canadian Engineer who has gone through the Ritual of the Calling of an Engineer.
- Currently is an Engineering Intern or meets the requirements of the Nevada State Board for admittance to the Fundamentals of Engineering exam.

Please submit this form along with a one time fee of \$10.00 to cover the cost of the ring and certificate. Fees must be paid in advance to receive a certificate at the ceremony. Those that register at the door will have their certificates mailed to them. Please make checks payable to ASCE. Please mail applications to:

Denis Atwood, P.E.
Stanley Consultants
5820 S. Eastern Ave.
Las Vegas, NV. 89119

email: atwooddenis@stanleygroup.com
fax: (702) 369-9793

Registration begins at 5:15 p.m. and Ceremony begins promptly at 5:30 p.m. Ceremony will be held in a separate private room adjacent to the E-Week Banquet Room.