

## KNOW YOUR ASCE HISTORY

by C.S. Papacostas

This month's article represents a milestone of sorts, being as it is the 100th in the series that I began way back in March 1995. The topics covered have ranged far and wide, but, as a general rule, pivoted around Hawai'i nei.

Lately, the adventure took us from the construction of certain irrigation "ditches" on the Big Island at the turn of the 20th century to the intriguing story of importation and local production of portland cement.

The story led us to a point in August, 1960 when not one, but two major competing cement plants opened on the island of O'ahu: the "old" Hawaiian Cement Corporation's dry-process plant at Barbers Point and the Kaiser Permanente Cement Co. wet-process plant at nearby Nanakuli. At that time, the rated capacity of each plant exceeded the total consumption of the material within the newly admitted 50th State of the American Union. Naturally, the competition between the two plants was fierce.

Whereas "[Henry] Kaiser saluted the Hawaiian Cement Corp. and the competition that now exists," according to the Honolulu Advertiser (HA), in competing pronouncements, newspaper advertisements and other notices, the two companies sought to get the upper hand. Thus, reflecting on the 20-year or so near-monopoly enjoyed by its California parent company, one boasted that "Hawaii is built with Kaiser Permanente Cement" and the other retorted with "Building with Hawaii for Hawaii" ("Oke kukulu ana me Hawaii, no Hawaii") and with informing readers that it was "the only island member" of the prestigious national Portland Cement Association.

Curiously, however, sorting the copious notes I have amassed on the unfolding story, I came to realize that, on a broad outline, the two companies seemed to move as if in lockstep with each other. This, I am all but convinced, was more due to the similarity of their responses to the prevailing market and technological conditions and less the result of collusion that, as we shall soon see, on occasion, they were accused of carrying out.

A common temporary setback surfaced early on: The U. S. Bureau of Standards had a stringent quality control rule that required new plants to test each and every batch of cement intended for use on federal projects. This requirement did not affect many older mainland plants, including Kaiser's. So, until a "full test program" was implemented under the auspices of the U. S. Navy around March 1961, mainland U. S. cement was again imported in bulk.

By 1965 "cement and concrete," including many old and new products by old and new companies was recognized, according to the Star-Bulletin (SB), as the "biggest island manufacturing industry." Four years later, in 1969, both the renamed "Kaiser Cement & Gypsum Corp." and Hawaiian Cement announced plans to greatly expand their production capacities in response to rising demands precipitated by a construction boom. A staged expansion program continued into the mid-1970s.

In 1974, Hawaiian Cement also got a new name after the Cyprus Mines Corporation increased its ownership to 90.8%, having bought 45.4% from its partner in the enterprise, the American Cement Corporation, then known as Amcord, Inc. And this is how the "Cyprus Hawaiian Cement Company" came into being.



### 2003-2004 YMF OFFICERS

		Phone
President	Jamie Hikiji <i>jhikiji@ascehawaii.org</i>	521-3051
Vice-Pres	Paulette Chang <i>Hawaiiymf@yahoo.com</i>	781-1187
Secretary	Scott Jennings <i>sjennings@rci-group.com</i>	845-8440
Treasurer	Geoff Ries <i>gries@wilsonokamoto.com</i>	946-2277
Stud Chap President	Ronald Malalis <i>malalis@hawaii.edu</i>	956-5808

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President	Paulette Chang <i>Hawaiiymf@yahoo.com</i>	781-1187
Vice-Pres	Scott Jennings <i>sjennings@rci-group.com</i>	845-8440
Secretary	Florence Ching <i>fching@ascehawaii.org</i>	472-1342
Treasurer	Laura Smolinski <i>Smolinski001@hawaii.rr.com</i>	382-7174
Student Chapter President	Jesse Elliot <i>Elliotj@hawaii.edu</i>	956-5808

### Next YMF General Meeting

The next two YMF general meetings are scheduled for Tuesday, October 5, 6:00 p.m., at Ryan's Grill in Ward Center, 591-9132; and Tuesday, November 2, 6:00 p.m., at Tiki's Grill & Bar at the Aston Waikiki Beach Hotel Second Level, 2570 Kalakaua Ave., 923-TIKI. If you are interested in attending to find out what the YMF is all about and how much fun we have, please call Paulette Chang at 781-1187.

### YMF July Community Service Project - ASCE Hawaii Section YMF Stencils Storm Drains Near Ala Moana Shopping Center To Prevent Pollution

By Eric DeRuyter, Hawaii Section YMF Community Activities Chair

On Saturday, July 31, 18 members of the American Society of Civil Engineers, Hawaii Section Younger Member Forum (YMF) and ASCE University of Hawaii (UH) Student Chapter volunteered their time and energy to stencil over 50 storm drain structures in residential and commercial areas near Ala Moana Shopping Center. After the work was completed, the volunteers enjoyed a barbeque picnic at Ala Moana Beach Park sponsored the Hawaii Section YMF.

Storm Drain Stenciling is a volunteer pro-

In October of the same year, the State's Department of Planning and Economic Development (DPED) convened special hearings at the behest of then Governor George Ryoichi Ariyoshi to investigate the soaring prices that the two competitors were charging new customers. The state characterized the two as constituting a "shared monopoly" and accused them of engaging in "inflationary profiteering."

As expected, the accused offered alternate explanations.

Do you know of a civil engineering accomplishment or event that your fellow ASCE members might find interesting? Please send a brief description to C.S. Papacostas (fax 956-5014, email [csp@wiliki.eng.hawaii.edu](mailto:csp@wiliki.eng.hawaii.edu)). Previous articles in the series may be found at the Section's web site. Just point your browser to <http://www.ascehawaii.org>.

gram sponsored by the City and County of Honolulu. The program was established to educate the community about the impacts of dumping pollutants into storm drain structures and the effect it has on our reservoirs, streams and eventually our ocean. Volunteers stencil the City's "Dump No Waste - Goes to Ocean" fish logo onto the storm drains to inform residents as to where their litter will eventually end up. City representative Gerald Takayesu gave a short presentation to the volunteers about the program and instructions on how to stencil the storm drain structures.

Joint activities between the Hawaii Section YMF and the UH Student Chapter allow the younger members to ease the transition of the student members into the working world by sharing experiences with them and offering advice as they seek summer employment or employment after graduation.

The Hawaii Section YMF generally organizes community service projects every other month. The Hawaii Section YMF also sponsors social, professional, sporting and other miscellaneous activities. For information on future Hawaii Section YMF activities, please visit the Hawaii

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### ASCE, (continued from page 5)

and you could be a winner in the next drawing! Please contact our membership chair, Lori Nishida, at 533-3646 or [lnishida@atahawaii.com](mailto:lnishida@atahawaii.com) for further information.

### MEMBERSHIP RENEWAL

From this month's member data, ASCE has dropped any member not renewing their membership for fifteen (15) months. These members, who have not paid their 2003 dues, will no longer be included in our membership counts or on our membership data. This will greatly affect the standing of our Section, since standings are based on total membership. The total membership consists of new and retained members. If you have let your ASCE membership lapse and have not renewed, you may have been affected by this. Please contact our membership chair, Lori Nishida, at 533-3646 or [lnishida@atahawaii.com](mailto:lnishida@atahawaii.com) for further information.

### CONVERTING TO ELECTRONIC VERSION OF WILIKI

If you would like to help the ASCE Hawaii Section reduce operating costs by receiving your monthly issue of the Wiliki via e-mail, please contact Joanna Seto at 522-7426 or e-mail her at [jseto@ascehawaii.org](mailto:jseto@ascehawaii.org).



**Lori Nishida, Paulette Chang and Jonathan Murai stencil a catch basin with the City and County of Honolulu's "Dump No Waste - Goes to Ocean" fish logo.**



PO Box 12204 Honolulu, HI 96828  
website: [www.eaauh.org](http://www.eaauh.org)

#### 2003-2004 OFFICERS

President:	Bryce T. Yonemura	473-8000 x2456
Vice Pres:	Kelli Goodin	441-3600
Secretary:	Ryan Sugamoto	956-3357
Treasurer:	Marian Nakama	836-1900 x234
Directors:	Lloyd P.C.W. Lee	
	Michael Y. Magaooay	
	Randolph H. Murayama	
	Wayne H. Nakamura	

#### President's Message

Welcome on behalf of the 2004-2005 Engineering Alumni Association University of Hawaii (EAAUH) Executive Board. With our recently completed annual golf tournament, we were once again able to award 6 scholarships to incoming freshmen to the College of Engineering. We thank the Alumni for their continuing support and look forward to another successful and fun-filled year for the College.

Kelli Goodin, EAAUH President

#### Engineering Day

The College of Engineering hosted E-Day on September 25. Each year high school students are invited to visit the College's facilities in an effort to encourage enrollment with the engineering program at UH.

#### EAAUH Website

Please visit our website at [www.eaauh.org](http://www.eaauh.org) for pictures of the EAAUH golf tournament, information on events, job listings and EAAUH news.

#### ASCE YMF, (continued from page 6)

Section YMF website at [www.ascehawaii.org/ymf.html](http://www.ascehawaii.org/ymf.html) or e-mail their Community Activities Chair Eric DeRuyter at [eric.deruyter@tetrattech.com](mailto:eric.deruyter@tetrattech.com).

#### Incoming and Outgoing YMF Officers and Committee Chairs

Much thanks and gratitude goes out to those YMF members who voluntarily provide their time enabling the Hawaii Section YMF to provide activities and services for its members and community.

#### INCOMING 2004-2005 YMF Officers and Committee Chairs

President:	Paulette Chang
Vice President:	Scott Jennings
Secretary:	Florence Ching
Treasurer:	Laura Smolinski
Stud. Chapter President:	Jesse Elliot

#### YMF Committee Chairs

Community Activities:	Aaron Kam
Social Activities:	Morgan Branch, Sherrie Lum and Lisa Takushi
Awards:	Ann Mukai
Student Relations:	Chris Souza
PE Refresher Course:	Lorna Heller
Newsletter:	Lori Nishida
Webmaster:	Joanna Seto
Job Shadowing:	Chris Souza

#### ASCE Job Classified

Looking for work? Visit the ASCE's job listing page at <http://www.ascehawaii.org/jobs/jobsinfo.html>.



#### 2003-2004 OFFICERS

Office	Name	Phone	Fax
President	Cathy Leong	946-2277	946-2253
Vice Pres	Susan Uejo	521-5361	538-7819
Secretary	Pierson Koike	527-6989	521-2501
Treasurer	Fred Smoot	841-7617	833-6125
Past Pres	Richelle Suzuki	541-2530	541-2700

#### Annual Meeting Highlights

The Hawaii Section Annual Meeting was held on August 17, 2004 at the Wisteria Restaurant in Honolulu. President Cathy Leong presented Certificates of Appreciation to the outgoing officers and committee chairs. Tellers Robert Miyasaki and Panos Prevedourous announced that based upon a tally of the votes received for the 2004-2005 elections, the following were elected as the incoming officers:

Wayne Yoshioka, President  
Greg Hiyakumoto, Vice President  
Jodi Chew, Secretary  
Robert Nehmad, Treasurer

The featured speaker was Abe Wong, Hawaii Division Administrator for the Federal Highways Administration (FHWA). Mr. Wong explained that there were three factors that were critical to the success of FHWA's program: money, stewardship, and partnership. With regards to money, FHWA is a \$30 billion program nationwide, of which, Hawaii has traditionally received approximately \$120 million per year. Currently, the FHWA program is in a transition period since their previous six-year authorization, TEA-21, expired last year. Since then, they have had several extensions to bridge the gap until their reauthorization. However, the Senate and the House have not yet agreed upon a reauthorization budget amount and their current proposals, SAFETEA in the Senate for \$324 billion over the next six years and TEALU in the House for \$275 billion over the next six years, exceed the budget that the Administration is willing to approve (\$256 billion). With regards to stewardship, Mr. Wong stated that FHWA needs assess how well they are spending their money, what value they are receiving for their money, how well they are meeting the public's needs, and how their progress should be judged. With regards to partnership, although FHWA originally part-

nered only with the Department of Transportation (DOT), they have been partnering with more diverse groups in recent years (Environmental Protection Agency, Department of Health, interest groups, etc.). Mr. Wong then spoke about safety and ITS and how these two topics relate to the three aforementioned factors.

#### October Meeting Announcement

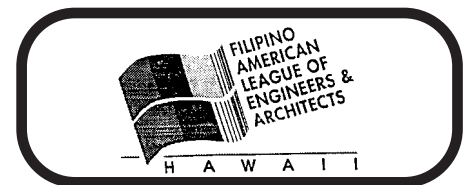
The October Section meeting date, location, and guest speaker will be announced at a later date. Meeting notices are forthcoming.



[http://www.geocities.com/hals\\_us](http://www.geocities.com/hals_us)

#### Officers for 2004

President	Kevin Kea
Vice-President	Erik Kaneshiro
Secretary	Dennis Chong
Treasurer	Stacey Kimura
Director	David Hatchell
Director	Joanne Williamson
NSPS Governor	Pat Cummins
Past President	Layton Nakao



P.O. Box 4135, Honolulu, Hawaii 96812  
Website: <http://www.falea.org>

#### 2003-2004 OFFICERS AND DIRECTORS

President	Marites C. Shoji
Vice-Pres/ Pres.-Elect	Greg Garcia
Secretary	Andrea Benitez
Treasurer	Vergel Del Rosario
Asst Treas	Maria Domingo
Bus. Manager	Armando Ines
Auditor	Marcelino Labasan
P.R.O.	Fred Quibol
Directors	Marlo Garcia, Rocky Marquez, Elvi Pineda, John Ramos, Joey Resurreccion, Jun Suela, Segundo Velasco



*The Hawaii Section YMF and University of Hawaii storm drain stenciling volunteers.}*