

# Engineers



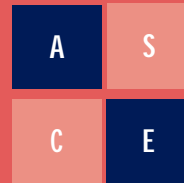
## Make The Difference

### They Provide the Quality of Life!

# Civil Engineer THE NEWSLETTER



NOVEMBER 2002



Nancy Searle  
950 S. Locust Ln  
Tacoma WA 98465



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Civil Engineer Newsletter is published monthly from September to June for the Tacoma/Olympia Sections of the American Society of Civil Engineers.

To submit ads or articles of interest please contact the President of the section or the Editor. Information must be submitted not later than the 15th of the month to be included in the next publication.

For address changes/corrections, notify the Editor or the WEBmaster.

to



## 2002 - 2003 Board

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lancia2u@yahoo.com

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Section Home Page: [http://www.asce.org/inside/local\\_sec\\_branches.cfm/tacoly/tacoly.htm](http://www.asce.org/inside/local_sec_branches.cfm/tacoly/tacoly.htm)

This Month's Meeting

## City Water Supply Pipeline 5

Tuesday, November 12

Landmark Convention Center 47 St. Helens Av., Tacoma

Reception: 6:00-6:30pm

Dinner: 6:30-7:15pm

Program: 7:15pm

Buffet Dinner \$20.00

1/2 price for students\*

RSVP by eod NOV 8

Susan Melton, 253.572.5885

Dr. Igharo, 360.438.4322

Note: Members with reservations who do not attend will be billed.

## Major Regional Water Supply For Puget Sound

\$220 million; four district project

CRAIG GIBSON, PROJECT MANAGER, TACOMA WATER will provide an overview on the Tacoma Water Second Supply Project. With more than 30 years of planning, permitting, environmental reviews, design and construction, this project has evolved into a major regional water supply for Puget Sound. It should be fully completed by the end of 2005 at a cost of approximately \$220 million and involves a partnership of four water utilities; Covington Water District, City of Kent, Lakehaven Utility District and Tacoma Water. The project includes a 34-mile pipeline, river diversion dam and intake improvements, water treatment facilities, a fish rearing facility, improvements at Howard Hanson Dam for fish passage and dam stability, and numerous wetland, fish and wildlife enhancement projects.

CRAIG GIBSON, a Washington native and graduate of Colville High School. He continued his education at Oregon State University earning a BS in Civil Engineering. Craig worked with Peter Kiewit Sons for three and half years before joining Tacoma Water in 1974. In 1983 he was appointed a Water Division Manager and in 1995, was appointed Project Manager of the Second Supply Project.

## From asce.org

<http://www.asce.org>

### How ASCE Responded

Multimedia Presentation

SEPTEMBER 11, 2001, download a moving photographic presentation documenting how ASCE and its members responded to the tragic events of 9/11/01, and the difficult year that followed.

### Civil Engineering Conference 2003

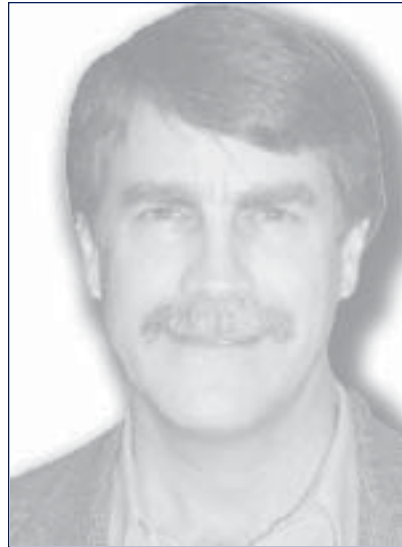
NASHVILLE, TENNESSEE, NOVEMBER 12-15 - Plan now; early registration available on line.

### ASCE Discussion Groups

CATEGORIES INCLUDE WTC Discussion; Air & Space Community; Architectural Engineering; Construction and Management; Disaster Reduction; Professional Issues.

# President's Corner

Chris Beckman  
lancia2u@yahoo.com



Fall is a time of reflection for me. Looking back at a busy summer and its longer days filled with outdoor activities I tally the projects accomplished. My ASCE related projects revolved mainly around the Tacoma/Olympia Section booth at the Puyallup Fair. The fair booth again featured the West Point Academy/ASCE bridge design software. Our computers were supplied by the City of Tacoma - thanks to Michael! I enjoyed the two weekend "shifts" at the booth interacting with the young people and their parents. This public outreach and our yearlong work with the MESA (Math, Engineering and Science Achievement) program in the schools will help our society gain recognition and hopefully encourage young people in studies that lead to the engineering profession.

We have Michael Hale and his supportive executive board to thank for the great programs and presentations we experienced this last year. I believe this coming year presents a challenge to meet the excellence of his leadership, but I know that another group of supporting players on our leadership team will help me immensely.

Sue Melton will step into a new role as our first YMF (Younger Member Forum) chairperson in a long time. Let us all support her efforts to engender interest in the society by our younger members. I know at least one young engineer in my workplace that might benefit from attending a number of perhaps less-structured activities with other young engineers.

*"I believe this coming year presents a challenge to meet the excellence of his leadership, but I know that another group of supporting players on our leadership team will help me immensely."*

I look ahead to a year of ASCE meetings and other opportunities to interact with other sections, societies and student chapter members from St. Martin's College. To mix a couple of old sayings, these are the best of times...and the times that try men's (and women's) souls. I will give what time and energy I can to ASCE and the greater engineering community, and hope for a good outcome.

Good-bye and happy Fall!

—Chris Beckman  
2002-03 President  
Tacoma/Olympia Section

## WASHINGTON DC 2002 Civil Engineering Conference & Exposition

Washington Convention Center  
November 3-7, 2002

### Hear First Hand Accounts From Civil Engineering's 9/11 Heroes

Leslie Robertson,  
Structural Engineer for  
the World Trade Center  
Frank Lombardi,  
Chief Engineer, Port  
Authority of NY/NJ  
Michael Burton,  
former Executive Deputy  
Commissioner, NYC  
Department of Design  
and Construction

Conference: 18 tracks and more than 160 sessions, including a Professional Practice SuperTrack

Keynote: NBC's Tim Russert,  
Moderator of "Meet the Press"

Major Address: President George W. Bush (invited)

Federal Forum, with facilities operations heads: USACE, NAVFAC, GSA, Department of State, and The Smithsonian Institution... and Luncheon Speaker Norman Y. Mineta, Secretary of Transportation (invited) VISIT THE EXPOSITION!

Add to your resource roster! The largest-ever EXPOSITION of Civil Engineering & Infrastructure Security equipment suppliers and service and software providers will run from Monday (12 noon) through Wednesday (4:00 pm)!

Sessions & Plenary Sessions: Earn up to 34.5 Professional Development Hours (PDHs)!

4th Annual National Civil Engineering Career Fair: Meet recruiters from leading technical firms. They could be looking for YOU!

## Calendar of Events

Nov 12 ASCE 150th  
Anniversary Celebration,  
Washington State  
Governor's Proclamation

\*Dec. 12 Tacoma  
Joint meeting with Seattle  
Section at Museum of Glass,  
Prizm Café

\*Jan. 14 Tacoma  
Port of Tacoma  
Expansion Update

\*Feb. 21 Lacey  
Engineering Week w/ St.  
Martin's College/other  
prof. orgs.

\*March tba McChord  
(jt. mtg. w/SAME) may have  
to be off-base in  
Tacoma/Lakewood

\*April 8th Lacey  
Honors & Awards night  
AELC legislative update,  
Life member & Fellows  
recognition, short presenta-  
tion on Master's Degree for  
P.E. (Jim Carlsen)

\*May 13th Tacoma  
Art Museum?

**\*DATE/TIMES/LOCATIONS ARE  
TO BE VERIFIED**

**Section Meetings** are open  
and held once a month,  
September through June.  
Meetings are generally held  
on the second Tuesday of the  
month. Locations alternate  
between Tacoma and Lacey,  
and times vary between  
lunch and dinner meetings.

**Local Board Meetings** are  
open and generally held  
the first Monday of the month  
at 5:30pm. Locations vary.  
Please check the WEB site,  
this calendar, or contact the  
president for confirmation.

## TRANSPEED Course Calendar

**Traffic Calming: Techniques  
and Management**  
September 18-20, Seattle

**Bridge Foundation Design**  
September 24-26, Lacey

**Legal Liability for  
Transportation Professionals**  
October 1-2, Seattle

**Fundamentals of  
Traffic Engineering**  
October 9-11, Seattle

**Hydrology and  
Basic Hydraulics**  
October 16-17, Lacey

**Access Management**  
October 30-November 1,  
Seattle

**Managing Scope,  
Schedule and Budget**  
October 30-November 1,  
Lacey

**Construction Inspection of  
Public Works Projects**  
November 4-5, Seattle

**Public Works Construction  
Project Management**  
November 7-8, Seattle

**Roadway Culvert  
Hydraulic Design**  
November 13-14, Lacey

**Introduction to Retaining Wall  
Type Selection and Layout**  
November 14, Seattle

**Techniques of Pavement  
Rehabilitation**  
November 19-21, Lacey

**Pavement Design**  
December 3-5, Seattle

**Basic Highway Capacity 2000**  
January 6-8, 2003, Lacey

Christy Pack TRANSPEED  
Program Coordinator  
UW Engineering  
Professional Programs  
10303 Meridian Ave N #301  
Seattle, WA 98133  
1-866-791-1275 toll free  
206-543-5539 206-543-2352 FAX

# Jobs Open/ Seeking

## resume/ad policy

*There is no charge—space is limited.  
Ads must be received by the 15th of the  
month prior to the next newsletter. Ad  
will run for one newsletter only. The  
applicant must resubmit the ad each  
month for it to appear in the next  
newsletter.*

The newsletter application is  
limited to the following:  
Name, membership status, ASCE  
section, engineering degree/  
year, position desired, years of  
related experience, address to  
obtain resume, and a daytime  
phone number.

Submit information (by the  
15th of the month) to:  
Richard Swanson  
richardswanson@attbi.com or  
3539 81st AV SW,  
Olympia 98512.

## Position Wanted

Chris H. Beckman, P.E.  
daytime (253) 468-0309  
evening (253) 874-8046  
lancia2u@yahoo.com

**PROFESSIONAL REGISTRATION:**  
Licensed Civil Engineer in  
Washington and Oregon  
since 1982.

**EDUCATION:** B.S. Architectural  
Engineering - Structural Concen-  
tration from Cal Poly at San Luis  
Obispo

**QUALIFICATIONS:** Employed in  
increasingly responsible  
engineering positions in both  
private and public sectors for  
22 years.

**PROFESSIONAL MEMBERSHIP:**  
American Society of Civil  
Engineers (ASCE); Institute of  
Transportation  
Engineers (ITE);  
Currently the  
President of  
the local chapter  
Tacoma/Olym-  
pia ASCE .