



Tacoma/Olympia Section
Civil Engineer
THE NEWSLETTER

APRIL 2007

Honors 
Awards Banquet

TUESDAY, April 10th

St. Martin's University
Worthington Hall
Lacey, WA

Cost: \$25* cash or check
*students \$13

Welcome: 5:30pm
Dinner: 6:00pm
Program: 6:30pm

Menu:

Entree

Chicken Marsala
(pan seared chicken in a Marsala
Wine, cream and butter sauce)

Salmon w/herb-butter sauce
(broiled salmon coated in a
herb-butter sauce)

Garden Salad
Rolls & Butter
Pasta/Rice Platter,
Vegetable side, Starch side

Dessert
Cheese Cakes
Coffee, Hot & Iced Tea

**Please RSVP by noon,
Friday, Apr. 6th**
Contact Kay Hoke at
khoke@cityoftacoma.org
or 253.591.5760

*Please note the section does
not have the ability to accept
credit cards. **Cash or Checks,**
please.*

SR 167/I-405 To Puyallup

Rehabilitation And High Occupancy Toll (HOT) Lanes:
Planning & Geotechnical Challenges

Speaker: **Carol Hunter**; WSDOT, Senior Planner; Urban Corridors Office

SR 167 HOT Lanes Coming in Spring of 2008

The SR 167 HOT lane project is a four-year pilot project that will convert nine miles of high-occupancy vehicle (HOV) lanes to high-occupancy toll (HOT) lanes on SR 167 between Renton and Auburn.

The SR 167 HOT lanes will provide toll-free, express trips for transit and carpools, and also allow solo-drivers who pay a toll to use the lanes when there is space for more vehicles. The tolls will be debited from the driver's pre-paid account electronically upon entry—no toll booths required. Toll is used to keep traffic in the HOT lanes flowing at 45 mph or faster, even when the regular lanes are congested. Flexible pricing is what keeps the lane free of congestion at all times: the price will adjust up or down depending on the space available in the HOT lane. Drivers can choose to use the HOT lanes, or they can stay in the regular lanes.

SR 167 Corridor Plan Project Overview

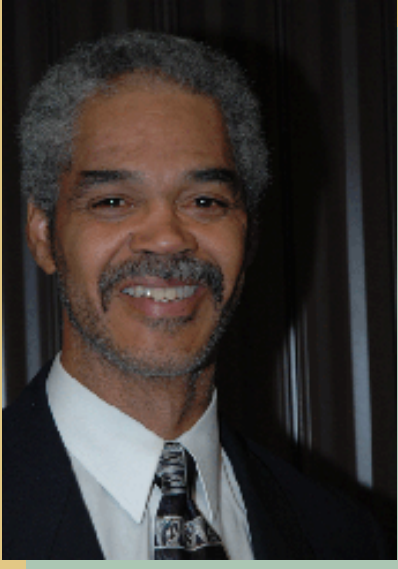
SR 167, also known as the Valley Freeway, is an important highway for moving people and goods in the Puget Sound. It serves as an alternative to I-5, connecting south King and north Pierce counties to the cities of Seattle and Bellevue. Today's drivers are experiencing traffic congestion up to six hours a day, affecting commerce and commuters. The largest freight distribution center in the Puget Sound Region is located along SR 167, and housing developments continue to increase. The population of the cities along the highway nearly doubled from 1970 to 2005. By the year 2030, at least 100,000 more people will probably be living along the corridor to take advantage of less expensive housing and available land.

The Green River Valley has an interesting geological history that has significant impacts on us for many future projects. This very flat and wet valley has experienced two lahars (volcanic mudflows) in the last 5,600 years. Applying the new liquefaction policy will likely present WSDOT with some difficult and costly decisions.

Speaker

Carol Hunter; WSDOT, Senior Planner; Urban Corridors Office

Carol has worked for WSDOT as a Transportation Planner since 1990 conducting long range plans for a variety of corridors. She has her undergraduate degree from WSU and her graduate degree in Urban Planning from the University of Washington. (She roots for the Cougs during the Apple Cup.) Currently she is managing the long-range corridor plan for SR 167 and is a team member of the SR 167 HOT Lane Project—both of these projects present interesting planning and engineering challenges. ■



Michael Hale P.E. has worked for the City of Tacoma Public Works Department for the past 12 years. He is Assistant Division Manager of the Construction Division.

Our Annual Joint Section Meeting with SAME on March 8th was a great success, as usual, with a great turnout. We had an informative program and it was nice to see and talk with people

we had not seen, in some cases, in a year.

Put the next ASCE Meeting Banquet on your schedule

Our April 10th meeting will prove itself to be even more eventful. It is our annual **Honors And Awards Banquet Meeting**. At this meeting, we will honor seven (7) of our fellow ASCE members who have achieved and earned the Award of "Life Member". We present this award to those who have demonstrated and achieved a lifetime commitment to both the profession of Civil Engineering and of the ASCE.

Each of the Award recipients shared with us their varied, diverse and exciting engineering experiences and careers in a biography included in this edition of the newsletter. We are proud to have such individuals as apart of the ASCE and applaud the great contributions they have made throughout their lives. As you will see in their individual bios, they each not only have done great things in the civil engineering profession, but have made great contributions and commitments to their communities. They have truly been "Leaders".

We will also honor our Past-Presidents, acknowledging their service to our Section.

So, please come out and acknowledge and honor your fellow ASCE members.

Business Matters

We have some business matters before us on which we as ASCE Members we will need to take action. They are:

1) As you are aware, there is a process being put in place to establish the requirement of having continuing education units or professional development hours for renewal of professional engineering licenses in the State of Washington. The Seattle Section has accepted the lead in preparing the necessary documents for presenting this to the Legislature in 2008. All Engineering Societies and Organizations, Engineers, etc. will be approached in some manner, to determine how to move forward with this matter. There are presently 32 US States that have CEU/PDH requirements for license renewal. The Tacoma /Olympia Board is working on developing a means, (e.g. website, email, etc.) by which our members can give us their comments. Until that is in place, feel free to send your comments to any of the Board members. **We want to hear from you.**

2) At the Region 8/9 Leadership Conference held in February in Bellevue, WA, ASCE National presented information that it is preparing to present to ASCE members the desire to add the IRS tax status of 501C-6 to the current 501C-3 status. In short, as a 501C-3

organization, we are a tax exempt, not for profit professional society. In this status, ASCE is limited in the amount it can contribute for lobbying issues which impact the engineering profession. Nor can it support/endorse any candidates or policies. Having 501C-6 status, ASCE would have these abilities. It will allow ASCE to have a Political Action Committee (PAC). The ASCE National Board has voted to move forward with this matter. You as an ASCE member will be asked to vote on this matter sometime this spring or summer.

3) The ASCE is pursuing the issue of the Book of Knowledge (BOK) or Policy 465 for Engineers and is serving as the lead in implementing the requirement of individuals to have 30 credit hours of higher education to qualify to sit for the professional engineer examination. It is planned to have this requirement in place by year 2015. Again, you as Engineers will have input to this issue.

4) We will be voting for 2 new Governors for Region 8 this year, as Larry Bennett's, the Present Governor representing our Section, term will be expiring. there will also be a Governor at Large position available.

5) The Tacoma /Olympia Section is currently considering nominees for Section Officers for next year and will be putting out ballots for your votes in May. The Board positions open for nominees are: President-Elect; Secretary; Treasurer; Director. If you are interested or know someone who is interested and willing to serve our Section in this capacity let the Board know.

Historical Heritage of Civil Engineering Structures

One of our fellow Tacoma / Olympia ASCE members, Stewart Gloyd, has expressed an interest and willingness to take the lead in forming a committee to document the Historical Heritage of civil engineering structures in our area. If you are interested in being a part of getting this committee established, please let us know.

Younger Member Group

Our Younger Member Group met on March 15th at the Puget Sound Pizza (PSP) in Tacoma. There was a good turnout and a good time was had by all. There is another gathering planned for April, so keep your eyes open for the notice. This includes you fellow Student Members.

Well, I think I have said enough for one Newsletter. I will conclude by saying, please come to our Honors and Awards Banquet Meeting and invite a fellow engineer who has not been in awhile or someone who is not a member who might consider joining to come along. We have a very interesting Program scheduled. I wish you all a very happy Spring and Passover /Easter Season.

Thank You

Michael Hale

2006-2007 Tac/Oly Section President

See Your AD Here!

Advertise in our newsletter!

Post a business card sized ad in our newsletter for \$200 per year. **Interested?**

Contact:

Michael Hale...253.591.5766
mhale@cityoftacoma.org

SECTION CALENDAR and ENGINEERING RESOURCES



Section Calendar

Tacoma/Olympia ASCE Section Meetings

April 10 Awards And Honors Night; Program: SR167/I-405 Planning Level and Geotechnical Presentation; Carol Hunter (WSDOT, Senior Planner); Evening meeting @ 5:30pm; Lacey @ St Martin's Worthington Center:

*May 8th
at LaQuinta, Tacoma-Program TBA
Tacoma, TBA

Section Meetings are open and held once a month, September through May. 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.

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

Tacoma/Olympia ASCE Board Meetings:

*Monday, April 2nd
5:30pm , Red Lobster off I-5 @72nd

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.

call 253.591.5766 (Michael Hale) for location and time

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

<http://sections.asce.org/tacoly/tacoly.htm>

TRANSPEED Courses

For a complete list of courses, visit the website at <http://www.engr.washington.edu/epp/Transpeed/index.html> for specific course descriptions and dates. Click on the specific course link to view the course outline. or contact:

Julie Smith
Engineering Professional Programs
Phone: 206-543-5539
Toll-Free: 1-866-791-1275

2007 Spring Professional Development Short Courses

For a complete description of the course and registration information visit our website <http://www.engr.washington.edu> or call us at: Engineering Professional Programs, University of Washington, phone: 206.543.5539 (fax) 206-543-2352 or (toll free) 1.866.791.1275

Stephanie Strom, Program Mgr:
ssstrom@u.washington.edu
(direct) 206-685-9682
Stacy Williamson, Prog. Coord.
stacyw@u.washington.edu
(direct) 206-543-5743

Continuing Ed

For scheduled seminars in your geographic area are available on ASCE's website at www.asce.org/conted/seminars.

These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department and may be of interest to many ASCE members in your Sections and Branches. We would greatly appreciate if you would consider posting information on these seminars in your newsletters and on your websites.

If you have questions or need assistance, please contact:

Kelly Jarvis, Continuing Education Registrar at kjarvis@asce.org or

Michael Cook at mcook@asce.org.

See Your AD Here!

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Post a business card sized ad in our newsletter for \$200 per year. Interested?

Contact:

Michael Hale...253.591.5766
mhale@cityoftacoma.org



Tacoma/Olympia Section Board 2007 - 2008

<http://sections.asce.org/tacoly/html/board.htm>

President

Michael Hale...253.591.5766
mhale@cityoftacoma.org

President-Elect

Bernie Hargrave
Bernard.L.Hargrave.Jr@nws02.usace.army.mil

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Wes Jones...253.474.9449
wesjones@sitts-hill-engineers.com

Treasurer

Morris J. "Gus" Fant...253.922.2332
gusf@robinsonengineers.org

Director

Vince McClure...(360) 438-4323
vmcclure@stmartin.edu

Director (2-year)

Mustafa Mohamedali...360.705.7589
MohameM@wsdot.wa.gov

Region 8 Governor * new

Larry Bennett...

Younger Member Chair

Ben Laurie...253.474.9449
benlaurie@sitts-hill-engineers.com
Don Davis...253.474.9449
DonDavis@sitts-hill-engineers.com

Past-President

Susan Coffman...253.594.7905
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Newsletter Editor

Nancy Searle...253.564.5885
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WEBmaster

Richard Swanson...360.455.3161
rswanson@skillings.com or
richardswanson@comcast.net



We're on the web!

<http://sections.asce.org/tacoly/tacoly.htm>

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

Honors & Awards Banquet

Celebrates these ASCE Life Members!

This month's meeting is a special occasion as we celebrate the professional and personal accomplishments of the 2007 ASCE Life Member Award recipients: This year we will honor the following ASCE members:

Mr. Karl J. Anderson, P.E., Fellow ASCE

Mr. Kris G. Kauffman, P.E., Member

Mr. William J. Shoemaker, P.E., Fellow ASCE

Mr. Edward M. Stevens, P.E., Member ASCE

Mr. Leon J. Wilhelm, P.E., Member ASCE

Mr. Chong U. Yi, P.E., Member ASCE

Mr. James R. Steepy, P.E., Member ASCE

Four of the seven Life Member Award recipients provided the Section with their career history, which we share in this issue of the newsletter. The evening's program will begin with the Life Member Awards and will be followed by our planned program. Please honor our recipients by attending this important meeting.

New ASCE Life Members 2007

Mr. Karl J. Anderson, P.E.

Mr. Anderson is Chairman of the Board of Concrete Technology Corporation, a family-owned business internationally recognized as an innovative manufacturer of precast and prestressed concrete product. He holds a BS degree in Civil Engineering (structures) and a MBA (accounting) from the University of Washington. He is a Licensed Professional Engineer (Civil) in the State of Washington, a Fellow of the American Society of Civil Engineers, a Fellow of the American Concrete Institute and a member of the Structural Engineers Association of Washington.

Mr. Anderson served in the US Navy Civil Engineer Corps and is a Vietnam Veteran. He is a founding member of several civic and educational organizations, and continues as an active community volunteer. He is a past President and Co-Chairman of the Executive Committee of the Boys and Girls Clubs of Pierce County; a past Chairman of the Board of Directors of the Tacoma-Pierce County Chamber of Commerce; a past President of the South Puget Sound Higher Education Council; past (and founding) member of the University of Washington Tacoma Citizens' Advisory Committee; a past (and founding) member of the Tacoma Empowerment Consortium; a past (and founding) member of the

Tacoma-Pierce County Commission on Children, Youth and their Families; a Senior Fellow of the American Leadership Forum; a past Co-Chair of ZOOBILEE; and a past board member of Private Resources in Developing Education. He is also a past Chairman of the Saint Robert Bellarmine Circle Committee; a past Vice Chairman of the Shawnigan USA Fund; a past (and founding) board member and Treasurer of the Pierce County Center for Dispute Resolution; a past Treasurer of the McChord Memorial Grove Committee; a past member of the Campaign Cabinet for the United Way of Pierce County; and a past board member and member of the Executive committee of Shawnigan Lake School.

Currently, Mr. Anderson is Chairman of the Finance Committee and member of the Executive Committee of the Harold E. LeMay Museum; Secretary-Treasurer of Allied Performing Arts of Pierce County; Secretary-Treasurer of the Friends of Independent Schools and Better Education; Treasurer of the Pierce Military and Business Alliance; Treasurer of the Point Defiance Flower and Garden Show; Vice Chair of the Tacoma Cienfuegos Sister City Committee; Treasurer of the Willie Steward Scholarship Fund; a board member of the Clover Park Technical College Foun-

dation; and he serves as an honorary board member and member of the Tacoma-Pierce County Chamber of Commerce.

From 1984-1990, Mr. Anderson served as a member of the Negotiating Team which reached a settlement of land and jurisdictional claims with the Puyallup Tribe of Indians. In 1983, he was selected as one of the Newsmakers of Tomorrow by the Committee for Tacoma's Future in cooperation with TIME magazine. In 1995, he received the distinguished Citizen Award from the Municipal League of Tacoma-Pierce County, and in 1997, he received the Rotary International's Paul Harris Fellow Award for community service, and the Boys and Girls Clubs of Pierce County Distinguished Service Award. In 1987, he was General Chairman of the American Concrete Institute International Convention. In 2003, he was named Pierce County maritime Man of the Year by the Propeller Club of the United States, in recognition of his service to the community.

“Engineers Make the *Difference*...
They Provide the *Quality* of Life!”

New ASCE Life Members 2007

Mr. Kris G. Kauffman, P.E.

Mr. Kauffman was born in Port Angeles, Washington and grew up in North Seattle. He is a fourth generation Washington resident with territorial roots and has been a registered Civil Engineer in Washington since 1970. He received his BS in Civil Engineering from the University of Washington in 1965, emphasizing in water resource course work.

Professional work includes field engineering (Alaska roads, 1964!) and geophysical activity in mining exploration with a consulting engineering firm in North America; two years as an engineer in the Peace Corps in (West) Pakistan with emphasis on rural water supply, including responsibilities for design through contract administration and pay authorization (1965-1967); Regional Engineer for the Washington Department of Water Resources (later Ecology) for Northeastern Washington, then all of Eastern Washington, for water rights and flood control permits (1968-1972) inclusive of representing the State in contested water right cases. Mr. Kauffman supervised the Engineering, Policy and Planning activities in water resources for Washington State (1973-1980). He chaired the regional staff review for the Coordinated Comprehensive Joint Plan for Water and Related Land Resources for the Columbia-North Pacific Region with a 2020 time horizon. He was in charge of the State's drought response in 1977 and served on the

National Drought response management team.

In 1979 Mr. Kauffman was appointed to the International Osoyoos Lake Board of Control by the International Joint Commission under the 1909 Boundary Waters Treaty. 1986 included a new dam! He continues in this position with three colleagues from Canada and two from the U.S. (USGS District Chief and the USACE Seattle District Engineer.)

In 1980, Mr. Kauffman was appointed Chief Engineer for the Washington State Parks and Recreation Commission, with responsibility for managing a design and construction contracting staff of up to 30. State Parks' infrastructure includes five dams, over 120 water supplies, approximately 80 sewage treatment facilities, over 375 miles of paved road and over 500 buildings in over 100 staffed locations. He retired from the State in July, 1992.

Mr. Kauffman has been President of Water Rights, Inc., for over twenty five years, performing professional consulting in various aspects of water resource and water right matters. In this capacity, he has appeared as an expert before various agencies, the State Pollution Control Hearings Board and both State Superior and Federal District Courts in both Eastern and Western Washington.

Mr. Kauffman has been active at the student, local, regional and national level of the American Society of Civil Engineers, including

coauthoring a policy review of the Reagan Administration water resources initiatives. He is a past President of the local ASCE Section and a past Chair of the Pacific NW Council of ASCE and of the Water Laws Committee of ASCE, as well as a member of the Model State Water Code Projects and the Model State Water Allocation Code Standards Committee whose last of three publications came out in January, 2007. He is a founding member and past president of the state affiliate of the American Water Resources Association and a member of the American Water Works Association and the American Water Resources Association.

Mr. Kaufmann is married to Sylvia and lives in the Lakewood area south of Tacoma. They have three children all of whom have one or more degrees from the University of Washington and his two older children are getting additional degrees in Nursing (WSU) and Civil Engineering (WU). He continues to do consulting work while serving on various volunteer boards, while his wife is retired from a career in the medical field, including teaching at the UW College of Medicine.

He is most proud of his family, his career in the Civil Engineering Profession and the professional career opportunities he was able to provide for the next generation.

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New ASCE Life Members 2007

Mr. Leon J. Wilhelm, P.E.

Mr. Wilhelm received a BS in Architectural Engineering from the University of Miami (FL) in 1964; a MS in Systems Management from the University of Southern California in 1973; and a MS in Civil Engineering from the University of Utah in 1975.

Mr. Wilhelm's body of work experience includes: Structural Engineer for the Boeing Company where he worked on structural analysis of the wing for the 727 aircraft; Structural Engineer for North American Rockwell where he worked on structural analysis of the wing of the B1 Bomber; Civil Engineer for CRS Group, Inc., in Portland where the majority of his work involved the design of sewage treatment plants;

Civil Engineer for Dowl Engineers in Anchorage, Alaska where he worked on the design of site layout, sanitary and drainage design for large shopping centers and schools; Civil Engineer for three consulting firms in the Seattle area with responsibilities for site and utility design including drainage design for Boeing parts facility in Auburn, WA; Environmental Engineer for WSDOE in the Underground Tank program where he worked on developing state regulation for underground storage tanks; developed state guidance documents for site assessment and tightness testing for underground storage tanks.

Mr. Wilhem is presently a Environmental Engineer for WSDOE Hazardous Waste & Toxics Reduction program where he developed state guidance documents on assessments of tank integrity and secondary containment. He is currently Project Manager responsible for state oversight of complex cleanups of soil and groundwater sites where hazardous materials have been released including the former Occidental Chemical facility in Tacoma and the current site of the University of Washington's Tacoma campus.

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New ASCE Life Members 2007

Mr. Edward M. Stevens, P.E.

Mr. Stevens received an Associate of Science from Grays Harbor Junior College in 1962 and received his BS in Civil Engineering from Saint Martin's College in 1966 after attending Washington State University for two years. He is a licensed Civil Engineer in the State of Washington.

Mr. Stevens gained a sound engineering background by working part-time and eventually full-time for the engineering departments of the City of Aberdeen, Port of Grays Harbor and consulting firms in the Aberdeen area. He was Party Chief in charge of layout and control for pier complexes and industrial sites, design of minor storm and sanitary sewer projects, and staking of many highway related projects. He worked as a Highway Tech 4 for the Washington Department of Highways and was responsible for construction staking of various projects. During the late 1960s he worked as a Highway Engineer I for Washington State Highways his responsibilities included design and inspection of hydraulic structures, design of storm and sanitary sewers, grade inspector, and work in design phases of highway location and Party Chief of survey crew in Aberdeen. He moved up to Highway Engineer II and worked out of Tumwater. There he was responsible for reviewing contract plans and insuring their compliance with county and city requirements, state specifications, and commission policy. He wrote Special Provisions and supervised the drafting of all contract plans. As Highway Engineer III he provided the administration of construction projects and prepara-

tion of design reports, right-of-way plans and contract plans. Among the projects he designed is the Shelton By-Pass in Mason County, a four-lane facility with three interchanges and seven structures.

Mr. Stevens acted as Contract Administrator on such construction projects as the Skookumchuck River Bridge project, the Weaver Creek Bridge and approaches project, and the Old Nisqually Road to North Fort Lewis Safety Improvement Project on I-5.

He designed the Scatter Creek rest area, the future Old Nisqually Interchange rest area, and the Marvin Road Interchange, all on I-5.

Mr. Stevens also appeared in court several occasions providing expert witness testimony as related to the design of highway facilities as to their operational and safety aspects.

In 1976 he was hired by Patrick J. Byrne & Associates as an Associate Engineer. There he was responsible for all aspects of civil engineer—highway design; contract administration; design of water and sewer treatment works and field investigations concerning soils, geology and hydrology.

He became a Principal of the firm and was responsible for all aspects of planning, design and construction of civil engineering studies and projects. The firm was engineer for the water and sewer districts of McKenna and Elbe and city engineer for communities of Yelm, McCleary and Eatonville.

Since 1971, I have on several occasions appeared in court as a qualified expert in the field of highway design,

operation and maintenance. The scope of testimony has been related to condemnation actions, accidents occurring with motor vehicles including passenger cars, freight trucks, motorcycles and bicycles. He has testified both at the request of the plaintiff and defendant and have been retained by public agencies such as the Washington State Department of Highways, Thurston, Snohomish, Skagit and Whatcom Counties.

Mr. Stevens is a member of the American Academy of Forensic Sciences; American Society of Civil Engineers; Institute of Transportation Engineers; National Academy of Forensic Engineers, National Society of Professional Engineers, and the Transportation Research Board.

Mr. Stevens is presently Principal of Edward Stevens & Associates, Engineers, Inc. He resides in Olympia with his wife, Andrienne. They have two children, Nannette and Edward, Jr.

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