

News & Notes...



Northern Colorado Branch Work on Skate Park Progresses...

The Northern Colorado Branch's 150th Anniversary Community Project involving the Skate Park is progressing. Northern's Dan Overton reports the Phase 1 work should be completed in April or May and that the Branch anticipates being an active participant in the dedication ceremony. It has received the plaque for the ASCE monument and will get it to the monument company to get it set in the granite base. The Branch received a letter from GOCO that the Skate Park is being awarded a grant of \$75,000 for the Phase 2 work (portable ramps). Phase 2 was estimated to cost \$205,000 including a 20% contingency. With this funding Northern hopes that the entire project can be completed this summer.

Update Your ASCE Membership Information Via the Internet...

ASCE wants you to know that you can update your address information at anytime via the Internet at: www.asce.org/myprofile. In addition, ASCE also has an email address especially for member questions: member@asce.org. Of course, you always can call ASCE at 800-548-ASCE (2723) to give any new or changed information or to ask questions about any aspect of your ASCE membership. This number is staffed to accommodate calls from the Mountain and Pacific Time Zones, so you can call it at any convenient time during normal work hours.

Upcoming 2003 Section Meetings...

Be sure to mark your calendar with these remaining 2003 Colorado Section meeting dates:

- Thursday, April 17, 2003 (Tentative)
(April meeting is at Northglenn Holiday Inn)
- Thursday, May 15, 2003
(No June, July or August Meetings)
- Thursday, September 18, 2003
- Thursday, October 16, 2003
- Thursday, November 20, 2003
- Thursday, December 18, 2003
(December is Annual Holiday Luncheon)

Unless otherwise noted, all meetings are dinner meetings at the Sheraton 4 Points Denver University Hotel, S. Colorado Blvd. & Arkansas.



Colorado Section 2002-2003 Leadership Roster

PRESIDENT: 720-286-5762	Jeff Benson jbenson@ch2m.com
VICE PRESIDENT: 970-498-5724	Roxann Hayes roxandmatt@yahoo.com
SECRETARY: 303-858-8008	John Gormley gormleyjt@msn.com
TREASURER: 303-832-9091	John Valsecchi valsecchi@pbworld.com
IMMEDIATE PAST PRESIDENT: 303-277-6620	Mike Glade mike.glade@coors.com
ENVIRONMENTAL TECHNICAL GROUP CO-CHAIRS:	
303-312-7077	Harry Jong jong.harry@epa.gov
303-864-9529	Mark Vanarelli MVanarelli@aol.com
GEOTECHNICAL TECHNICAL GROUP CHAIR: 303-772-5282	Christoph Goss christoph.goss@ttrmc.com
STRUCTURAL TECHNICAL GROUP CHAIR: 303-390-5861	Taka Kimura kimura@pbworld.com
TRANSPORTATION TECHNICAL GROUP CO-CHAIRS:	
303-721-1440	Tom Anzia tom.anzia@fhueng.com
303-480-6746	Jeff May jmay@drcog.org
WATER RESOURCES TECHNICAL GROUP CHAIR: 303-806-8952	Rick Parsons rparsons@bbawater.com

Committee Chairs

Awards	(Vacant)	
Constitution/By-Laws	Vaughan Griffiths	303-273-3669
History & Heritage	Dick Wiltshire	303-445-3042
Government & Public Affairs	Steve Fisher	303-312-8849
Membership	Edward Stafford	720-898-7740
Nominating	Mike Glade	303-277-6620

Special Contacts

150 th Anniversary	John Gormley	303-858-8008
ASCE District 16 Representative	Stein Sture	303-492-7651
CEC Representative	Chuck Mcknight	303-986-1444
Life Member Forum	David Day	303-694-2948
	Kurt Gerstle	303-492-6383
Northern Branch President	Dan Overton	970-223-9600
Web Master	James Gill	303-697-2655
Younger Members Group Chair	Jaryd Takushi	303-390-5861

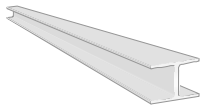
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Colorado Section ASCE Office

Rich Bogdanovich
303-758-1445
FAX 303-756-9777

P.O.Box 101085
Denver, CO 80250-1085
colorado.asce@attglobal.net

Section Web Page: <http://sections.asce.org/colorado>



Structural Group Meeting

Dan Harger, Ryan Redman, and Ben Forbes from VSL will be giving an **overview of post-tensioning applications on bridge projects** and will discuss future advancements in the technology. Issues discussed will include grouting innovations and developments in automatic stressing as related to stressing of stay cable bridges.

11th Jack W. Hilf Memorial Lecture In Geotechnical Engineering

Geotechnical Engineers, Wake Up! - The Soil Exploration Process Needs Drastic Change

By: Jorj Osterberg
Professor of Civil Engineering, Emeritus
Northwestern University

Thursday, March 13, 2003, 4:00 PM
University of Colorado at Boulder
Coors Events Center, Room 4
(for directions to CU Engineering Center/Coors Center visit <http://civil.colorado.edu/web/link>)
A reception will follow the lecture.

The usual process for obtaining subsurface soil and rock information awards a contract to the lowest bidder. It has no incentive to do good quality work but gives every incentive to somehow simply get a hole down as quickly as possible. As a result, much important information often is missed making the quality of soil borings no better than it was 50 years ago. The ability for obtaining better work has long been available, but when there is no incentive on the part of the drilling contractor to make use of them, why should he use them? Cases are discussed where large mistakes have been made due to poor quality soil exploration and have led to expensive and lengthy litigation.

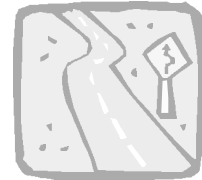
While many share the blame for this situation, it basically is the geotechnical engineer's responsibility to convince all concerned to change the system. Ways of doing this are discussed. As a starter, why doesn't the geotechnical engineer ask the owner or the one who is paying the bill if he were sick and needed x-rays, would he get bids and take the lowest?



Water Resources Group Meeting

John Henz, Certified Consulting Meteorologist, HDR Engineering, Inc., will be giving a presentation titled **Drought Relief Is Just an El Nino Away—Or Is It?** Colorado's persistent drought has emptied our water reserves to the point of pain. Does the current El Nino signal relief is on the way?

Transportation Group Meeting



John Valsecchi, Assistant Vice President, Parsons Brinckerhoff Quade & Douglas, will speak on the **redevelopment of Denver's Union Station into a multi-modal center.**



Joint Environmental & Geotechnical Group Meeting



Kenneth Andromalos, PE, Geo-Con, Inc., will be speaking on **In-Situ Reactive Wall Groundwater Treatment Systems.** Over the past decade the use of in-situ reactive groundwater treatment systems has moved from small pilot-scale applications to full-scale applications. These systems have included various types of "funnel and gate" systems, and more recently because of their ability to eliminate potential groundwater mounding, the use of continuous permeable reactive barriers (PRBs). Depending on soil and groundwater conditions, a variety of installation techniques using traditional open cut and supported excavation techniques and less traditional techniques has been used. These less traditional techniques include the use of continuous trenching machines, the biopolymer (BP) slurry trench technique, jet grouting, caisson installation, soil mixing and vibrated beam methods. Depending on the contaminants, reactive treatment media have included the use of zero-valent iron, activated carbon and biologically active materials, with zero-valent iron having the most wide-use applications. Ken will discuss these various systems and their applications and present several brief case histories to illustrate this rapidly growing remediation technology.

Northern Chapter's March 13th Fort Collins Meeting to Cover Subsurface Utility Engineering

The Northern Colorado Branch of the Colorado Section American Society of Civil Engineers will be hosting **Gerard Begger**, from Sub Utility Engineering (SUE), who will be speaking on **the art and science of subsurface utility engineering and the equipment needed to perform this work**. The presentation covering the subsurface works will be given during the Northern Chapter's Thursday, March 13th, 2003, meeting at the Holiday Inn, Holidome, off I-25 and Hwy 14 [East Mulberry (3836 E. Mulberry St.)] in Fort Collins.

The meeting is open to the public. Social hour begins at 6:15 PM. Dinner is \$17 payable at the door and starts at 6:45 PM. The program is free and will start at 7:45 PM. Please RSVP to Jim Brady (via phone to 970-416-9045 and leave a message with the secretary or via email to jbrady@kumarusa.com) at Kumar & Associates, by Friday, March 7th, 2003.

For more information, please contact Joe Bergquist at 303-773-3788.

Younger Member Group (YMG)

The Younger Member Group has a lot of activities planned for the upcoming months and we hope you will join us! Upcoming events include a Coors Brewery VIP Tour (hurry to sign up—the limit is 10 people), a Colorado Mammoth game, a tour of the Traffic Management Center, Rebuilding Day 2003 and Spring softball. Please visit the YMG monthly newsletter for details of the events at:

www.ascecoloradoymg.org/Newsletter.htm

And don't forget to join us at the next YMG Happy Hour in the Denver Tech Center at 6 PM on Thursday, March 13th. Watch for the location of the Happy Hour in the March YMG Newsletter.

A sincere THANK YOU to everyone who attended our 3rd Annual Kickoff Party on January 23rd at CB & Potts in the DTC! The party was a huge success and a great opportunity to meet Colorado's Younger Members.

If you are interested in becoming a YMG officer, elections will be held in May. Feel free to contact the current officers with questions or interest.



Colorado Section
American Society of Civil Engineers
P.O. Box 101085
Denver, CO 80250-1085
(303) 758-1445

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