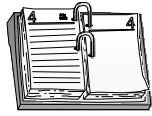


News & Notes...



We Have a House for Rebuilding Day!...

The Colorado Section ASCE Rebuilding Day Team has been assigned its house for Rebuilding Day 2005 (Saturday, April 30). Helen Anderson owns the home site. It's located just north of City Park, at 27th Ave. and Elizabeth St. Our goal is to make Helen's home of 26 years warm, safe and dry. We'll be making some ADA modifications, installing cabinets and counter tops, repairing and replacing a floor and some windows and doors, painting, making exterior and yard improvements, and more. Our House Captain, Gary Brierley, and Skilled Captains, Bill and JoAnn Miller, are already planning our Rebuilding Day. We will have a well-organized effort, designed to keep our volunteers busy and accomplish our goals in one day's time.

Volunteers, it's time to firm up your commitments to Rebuilding Day 2005. All are welcome, skilled and unskilled alike. Contact Gary Brierley at (303) 703-1405 or gbrierley@brierleyassociates.com. Let him know your interests and availability. Get on our Rebuilding Day 2005 list now so you can receive timely information on the project.

Colorado Activities & You Both Benefit From Your Local Support...

One of the best benefits of membership is participating in local activities and receiving the benefits of activities pursued on your behalf. When you paid your 2005 national ASCE dues, you may have chosen not to pay the separate and voluntary \$25 Section dues, a portion of which also goes to your local Branch. We encourage your support of local Section and Branch activities including:

- Activities and projects that improve your community and the image of civil engineers, such as the Colorado High School Model Bridge Building Contest, the statewide MathCounts program for 7th and 8th graders, Rebuilding Day Metro Denver, Habitat for Humanity, and more.
- Opportunities to develop and extend your network of local contacts and business development or job opportunities, to stay informed about local actions affecting civil engineers, and to develop and refine your leadership and consensus-building skills through activities shared with peers and colleagues.

Learn more by contacting any of our leadership shown to the right or by visiting the Section Web site <http://sections.asce.org/colorado>. We're confident you'll determine that local activities are worthy of your \$25/year financial support. Please support your local Section and Branch by using online renewal (www.asce.org/renewal) or by calling 800-548-2723 (ASCE) or 703-295-6300. Thanks!



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CEC Representative	Chuck Mcknight	303-986-1444
Constitution/By-Laws	Vaughan Griffiths	303-273-3669
Government & Public Affairs	Steve Fisher	303-312-8849
History & Heritage	Dick Wiltshire	303-445-3042
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	Kurt Gerstle	303-492-6383
Membership	Reid Tucker	303-292-5056
Nominating	Roxann Hayes	970-498-5724
Northern Branch President	Martina Wilkinson	970-482-5922
Southern Colorado Branch President	Michael King	719-520-5800
Web Master	James Gill	303-697-2655
Younger Member Group	Kirstin Pratt	303-740-2764

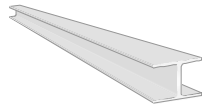
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Joint Structural & Transportation Group Meeting



Steve Zgorzynski, PE, Felsburg Holt & Ullevig, was project manager working for CDOT Region 4 to produce plans to install **forty miles of median cable rail along I-25** north of the Denver metro area. His presentation will look at the challenges of providing the construction documents in a short time frame, the applications, types, and benefits of cable rail, and some already surprising results, even though the project is still under construction. CDOT recognized the need for eliminating or reducing cross-over accidents along this stretch of interstate and chose to use cable rail, an economical and tested system. Although relatively new in Colorado, cable rail is an innovative form of guardrail being used in other parts of the United States and abroad. The cable rail in the median of I-25 is being installed between SH 7 (MP 229) and SH 14 (MP 269) along with a three mile section between the southbound lanes and west frontage road south of Weld County Road 32. The project budget for design and construction is approximately \$4.5 million and construction is currently more than 50 percent complete.

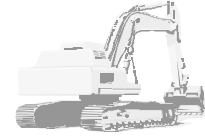
13th Jack W. Hilf Memorial Lecture in Geotechnical Engineering

Tuesday, April 26, 2005, 4:00 PM
Coors Events Center, Lecture Room 4
University of Colorado, Boulder
Refreshments will be served after the lecture.

“Simple Soil Structure Interaction Concepts in Innovative Foundation Design”

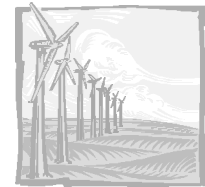
Clyde Baker, Jr., PE, SE, NAE, STS Consultants, Ltd., Vermont Hills, Illinois, will describe experience and insights gained over a 50 year career on a range of subjects related to foundation engineering. He will focus on a series of documented case histories illustrating specific points. Take small steps. Make changes gradually. The lecture addresses a wide range of shallow and deep foundation concepts and designs, and related best practices. For further information, contact Stein Sture, (303) 492-7651, stein.sture@colorado.edu.

Geotechnical Group Meeting

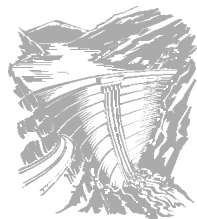


John Cyganiewicz will present **geotechnical design considerations for the Ridges Basin Dam**. A short description of the Animas-LaPlata Project will be followed by a discussion of analysis, design and construction details. The talk will focus on the geology at the site, the design of the dam cross section, and other site specific considerations and challenges. Types of materials used to construct the dam and borrow areas for these materials will be detailed. Up-to-the-minute photos of the construction at the site will be shown.

Environmental Group Meeting



Mark Levin, owner and general manager of Mining & Environmental Services LLC (MES), Idaho Springs, Colorado, will give a presentation on the **Burlington Mine, an abandoned fluoride mine near Jamestown, Colorado**, which was a site for **environmental restoration**. The mine required plugging collapsed features, closing adits and shafts, relocating a stream, and building and reclaiming a mine waste rock repository. The waste rock piles were contributing metals and sediment into Little James Creek, which is used for drinking water by downstream communities. The major portion of the project involved diverting the existing ephemeral stream around the mine workings to minimize the amount of surface water that is exposed to the waste rock. 70,000 cubic yards of waste material and fill was determined for remediation at the site.



Water Resources Group Meeting

No information on a separate March Water Resources Group Meeting was available at press time. Please select from one of the other break-out sessions described on this page.

CDOT Girder Erection Specification Panel Discussion, Monday, March 7

On Monday, March 7, the Colorado Section ASCE and the Colorado Contractors Association will co-sponsor a panel discussion on the CDOT girder erection specification that was released last August in response to the C-470 girder collapse at I-70. A panel comprised of Craig Siracusa (CDOT Chief Engineer), Philip Cardi (construction attorney at Jackson Kelly, PLLC), Rick Lawrence (Lawrence Construction President), and Gregg Reese (Summit Engineering President) will discuss construction liability, roles and responsibilities of various parties during girder erection, and the impact of the CDOT girder erection specification. The session will conclude with an open discussion between the audience and the panelists. Everyone involved with the construction of steel and concrete girder bridges is encouraged to attend. The meeting will run from 9:30 AM to 11:30 AM at the Colorado Contractors Association's Great Hall located at 6880 South Yosemite Court, Suite 200, Englewood, Colorado 80155. If you plan to participate, please RSVP to kimura@pbworld.com.

Younger Member Group

The Colorado Younger Member Group (YMG) has planned a Ski/Board Day at Winter Park for Saturday, March 5, and tour of T-REX for Friday, March 18. We have a happy hour the second Thursday of every month. Our March Happy Hour will be held downtown at Governor's Park Restaurant and Tavern (Governor's Park, 672 Logan). The YMG is currently seeking volunteers to serve meals with Urban Peaks, tutor high school students in math and science, and assist with the summer golf tournament. If you are interested in any of these activities or in learning more about the YMG, come to one of our happy hours or visit our web site at

<http://www.ASCEcoloradoYMG.org>

and click on the "Newsletter" tab for more information on current events.



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