

## News & Notes...

### Ways You Can Support Rebuilding Together – An ASCE Project Update...

Colorado Section ASCE continues to seek corporate donations and materials to rehabilitate the Shiloh Home, a nonprofit facility for at-risk boys. We need your help to raise an additional \$2,000 to reach this goal. Here are some great ways to make it happen:

- Send in a tax-deductible contribution – **every donation is important!**
- Give in-store credit cards/gift certificates to purchase home repair materials.
- Volunteer to rehabilitate the Shiloh Home on Rebuilding Day – Saturday, April 29. On-line applications will be available in March.
- Contribute materials & supplies. Shiloh Home's "Wish List" of materials and supplies which you can contribute includes:
  - 1) Office Furniture,
  - 2) Kitchen Cabinets,
  - 3) Kitchen Counter Tops,
  - 4) Electric Stove / Microwave,
  - 5) Refrigerator,
  - 6) Materials and equipment to replace a 75' retaining wall
  - 7) Redwood or Cedar Deck Stain,
  - 8) Gutters & Downspouts,
  - 9) Exterior Doors,
  - 10) Peel & Stick Vinyl Flooring Tiles, and
  - 11) Interior Paint / white or off-white semi-gloss.

Your donation will go directly to *Rebuilding Together Metro Denver*. For additional information contact Gary Brierley at 303-703-1405 or via email to [GBrierley@BrierleyAssociates.com](mailto:GBrierley@BrierleyAssociates.com).

### Colorado Section ASCE Receives \$4,325 Public Affairs Grant...

National ASCE's State Public Affairs Grant Committee has awarded the Colorado Section ASCE a \$4,325 State Public Affairs grant for 2006 to fund the following local activities:

- Webelos Scouts Engineer Badge Day \$ 825
- Future Cities Competition \$1,000
- Legislative Day \$1,500
- State Lobbyist \$1,000



## Colorado Section 2005-2006 Leadership Roster

**PRESIDENT:**  
303-651-1468

**Christoph Goss**  
[christoph.goss@deereault.com](mailto:christoph.goss@deereault.com)

**VICE PRESIDENT:**  
720-898-7740

**Edward Stafford**  
[estafford@ci.arvada.co.us](mailto:estafford@ci.arvada.co.us)

**SECRETARY:**  
303-537-3740

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303-980-3530

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[Jacqueline.Arcaris@tteci.com](mailto:Jacqueline.Arcaris@tteci.com)

**IMMEDIATE PAST PRESIDENT:**  
303-858-8008

**John Gormley**  
[gormleyjt@msn.com](mailto:gormleyjt@msn.com)

#### ENVIRONMENTAL TECHNICAL GROUP CO-CHAIRS:

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**Judy Hamilton**  
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303-245-6410

**Cheryl Kramer**  
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#### GEOTECHNICAL TECHNICAL GROUP CO-CHAIRS:

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**Minal Parekh**  
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#### STRUCTURAL TECHNICAL GROUP CHAIR:

303-390-5861

**Taka Kimura**  
[kimura@pbworld.com](mailto:kimura@pbworld.com)

#### TRANSPORTATION TECHNICAL GROUP CO-CHAIRS:

303-480-6746

**Jeff May**  
[jmay@drcog.org](mailto:jmay@drcog.org)

303-721-1440

**Michelle Stevens**  
[michelle.stevens@fhueng.com](mailto:michelle.stevens@fhueng.com)

#### WATER RESOURCES TECHNICAL GROUP CHAIR:

303-797-5052

**Steve Lowry**  
[slowry@jfsato.com](mailto:slowry@jfsato.com)

#### Committee Chairs & Special Contacts

ASCE District 16		
Council Delegate	Dan Overton	970-223-9600
Director	Stein Sture	303-492-7651
Awards	Sharon Wilson	303-757-9337
Constitution & By-Laws	Vaughan Griffiths	303-273-3669
History & Heritage	Dick Wiltshire	303-445-3042
Legislative &		
Government Affairs	Steve Fisher	303-312-8849
Life Member Forum	David Day	303-694-2948
	Kurt Gerstle	303-492-6383
Membership	Jennifer Ashworth	303-455-9589
Nominating	John Gormley	303-858-8008
Northern Branch President -		
	Chris Pauley	970-226-0120
Partnering	Chuck Childs	720-540-6800
Southern Colorado Branch President -		
	Travis Boone	719-531-0001
Student Chapter Affairs	Edward Stafford	720-898-7745
Web Master	Rob Niedengen	Unavailable
Younger Member Group	Laura Conyers	303-264-1024

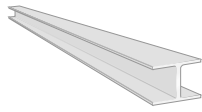
#### Colorado Section ASCE Office

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

**Colorado Section ASCE NEWSLETTER** is published 9 times per year monthly September through May.



## Joint Structural & Transportation Group Meeting

**Dave Zanetell**, Chief of Project Management for the Central Federal Lands Highway Division (CFLHD) of the FHWA, will discuss the **\$234 million Hoover Dam Bypass project** of which he also is Manager. Dave has managed the design and construction of numerous environmentally sensitive projects on Federal Lands throughout the Western United States and pioneered CFLHD's cradle-to-grave consultant management and construction delivery processes. His presentation will review the innovations, strategies and lessons learned in project development and construction management of the Hoover Dam Bypass. The Bypass consists of over 5 miles of roadway and 7 distinct approach bridge structures including the signature Colorado River bridge. The signature bridge is approximately 1900 feet in length with a concrete arch span of 1090 feet.

## Colorado Science & Engineering Fairs Seek Volunteer Judges

Colorado Regional and State Fair Committees are looking for more judges for competitions held annually in March and April. This experience is a wonderful opportunity for practicing engineers to interact with students on a number of levels. Once you are a judge, you can also explore the possibility of being a mentor to these promising young scientists and engineers.

Information on becoming a judge can be obtained from the four web sites listed below or from Mr. L. J. Mott, PE, [gestech@gestech.net](mailto:gestech@gestech.net) or 719-347-0142.

- Pikes Peak Regional Science Fair:  
<http://www.pprsf.org/>
- Colorado Science and Engineering Fair:  
<http://www.csef.colostate.edu/>
- INTEL International Science and Engineering Fair:  
<http://www.intel.com/education/isef/>
- INTEL Affiliated Regional Fairs:  
[http://www.sciserv.org/isef/aff\\_fairs/aff\\_fairsearch.asp](http://www.sciserv.org/isef/aff_fairs/aff_fairsearch.asp)

## Geotechnical Group Meeting



**Ty Ortiz**, CDOT Rockfall Program Manager, will present **recent rockfall mitigation efforts installed along state highways in the mountains and foothills**. He will discuss rockfall mechanisms and patterns in well known problem areas as well as geotechnical investigations, mitigation options, design methodologies and construction methods.



## Joint Environmental & Water Resources Group Meeting

**Robert Krehbiel**, Matrix Design Group, Inc., will discuss the **Denver Storm Drainage Master Plan** completed in April 2005 under a talk titled **Staying High and Dry In Denver – New Developments In Drainage Master Planning**. The plan covered 155 sq. miles and used models compatible with those already in use by the Urban Drainage and Flood Control District (UDFCD) and employed UD-CUHP and SWMM for flow modeling. He will summarize the scope, effort, result and impact of Colorado's first comprehensive, countywide, stormwater drainage modeling program. The development of Geographical Information Systems (GIS) and the availability of powerful mapping and relational software, along with the evolution of stormwater flow modeling programs provided Denver with the opportunity to take a major step forward and comprehensively evaluate their entire stormwater drainage system. The plan work is influencing public works design and construction projects throughout Denver. Use of GIS base maps provided a framework for the individual basin plans to be built, and the use of GIS map layers allowed the elements of the developing master plan to be easily viewed, analyzed and understood by all involved. Novel and innovative aspects of this project include (1) close integration with the City GIS system as a requirement, (2) development of cost estimating software that can update the entire cost database for new bid prices or changes in the construction cost index, and (3) production of an alternatives ranking system to support the City's Planning, Programming and Budgeting cycle.

## Colorado Section ASCE Recognizes New Life Members

The Colorado Section ASCE congratulates 14 of its members who became ASCE Life Members as of January 1, 2006. We thank these individuals for their many years of service both to the civil engineering profession and to the Society. The Section collectively recognized these new Life Members at its February dinner meeting, and those who attended were introduced and publicly thanked for their many years of personal and professional contributions. They are:

John D. Baker, PE  
Cade L. Benson, PE  
Nien-Yin Chang, Ph.D., PE  
Philip G. Hall, PE  
Ivan C. James II, PE  
Myron L. Jones  
William H. Koechlein, PE  
Roger D. Koester, PE  
Dennis J. Lachel, PE  
Louis F. Mraz Jr., PE  
Paul R. Pennock, PE  
Terry W. Shaffer, PE  
Elvis H. Tippets, PE  
Garth L. Wilson, PE

## *Thank You, Life Members!*

A sincere thanks to the 120 Colorado Section ASCE Life Members who to date have contributed voluntary section dues for 2006! The Section greatly appreciates your generosity in continuing to support local programs and activities.

Colorado's roughly 500 Life Members are about one-sixth of its total membership. Many Life Members continue their active participation in the Section and help make it a lively and progressive organization. However, because of the national dues structure, no part of any Life Member contributions to national ASCE is returned to Colorado. Life Members wishing to financially contribute to the Section must do so via voluntary contributions directly to it.

If you are a Life Member and haven't as yet done so, please consider joining your many colleagues by making an annual contribution to your Section to help it advance and recognize our profession and Society in Colorado. Whether your contribution is \$15, \$25, or some other amount you feel is appropriate, please make your contribution with a check payable to the "Colorado Section ASCE" and mail it directly to Colorado Section ASCE, P.O. Box 101085, Denver, CO 80250-1085. Thank you!



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