



# Conveyances

INSTITUTE OF TRANSPORTATION ENGINEERS  
The Official Newsletter of the ITE Colorado/Wyoming Section

## Members of the Outstanding ITE Section ...



Well, we've done it again! The Colorado Wyoming Section was the winner of the Western District award for **Best Section Activities**. Special thanks to **Dan Eybs** for putting together a superb Activities Report.

I couldn't be happier with the turnout we had for our first evening meeting, our Meet the City of Denver's Leadership event. Much

of the credit for the success of this event goes to **Emily Gloeckner** our Activities Committee Chairperson, thanks to her for all her hard work in planning and pulling this off. We had 63 participants in attendance including **Jose Cornejo, Manager of Public Works Manager, Leslie Thomas, City Engineer, Bob Kochevar, Director of Operations, Brian Mitchell, City Traffic Engineer, and Mark Najarian, Director of Arts and Facilities**. The event was held at a very nice and cozy venue the DPAC Studio Lofts. Members heard from Mr. Cornejo about the City's transportation vision and were also able to hear first hand about some of the exciting plans for the City. Look for more Section events like this in the future.

I'm pleased to announce our two candidates for Secretary Treasurer, **Jeremy Hanak** and **Anna Bunce**. It is exciting to know that whatever the election results are, we will have great talent joining our Section's leadership. Please take a few minutes to read their bios in this newsletter. We will hear more from Jeremy and Anna at our next luncheon on May 18th.

Our Section members and Student Chapter members have been hard at work submitting abstracts and starting to prepare for presentations and poster sessions at

the Western District Annual Conference in Santa Barbara, California this June. **University of Wyoming student, Edward Offei** will present at the conference. This year we've been fortunate to be able to provide financial assistance to help four Student Chapter members from both universities attend the Western District conference. In addition, Section members **Paul Brown, Nitin Deshpande and Freddy He** will be presenting at the conference. Freddy will be presenting on not one, not two, but on three topics! I'm not sure when he had time to sleep this last few months.

Congratulations goes out to Section members **Jake Kononov** and **Bryan Allery** for their recognition by the Transportation Research Board (TRB) of the National Academies for their paper entitled *Relating Flow, Speed, and Density to Functional Form of Safety Performance Function* (SPF). This paper was judged best among 80 research papers submitted worldwide to the TRB's Committee on Safety Data Analysis and Evaluation.

Our May 18 luncheon will include a topic that many of us have either been called to do or are simply curious about. A panel discussion on Expert Witness testimony will provide us with insights and many take-aways for consideration in our professional work. While **Ron Henson** will discuss the essence of the topic, **Judge Federico Alvarez** will give us a great perspective from a judge's point of view.

I don't need to tell most of you that the weather has been perfect for golf! With that in mind, join us for the ITE Golf Tournament June 15 at Coal Creek Golf Course in Louisville.

*Chris*

Chris Sheffer  
President  
Colorado-Wyoming Section ITE

## Upcoming Events ...

CO/WY ITE Luncheon · 7	May 18, 2012
ITE Golf Tournament · 3	June 15, 2012

## Inside This Issue ...

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## Legislative Committee

by *Trishul Palekar, Chair*

### RTD DECIDES NOT TO PURSUE TAX INCREASE IN NOVEMBER

On April 24, 2012, the RTD Board of Directors decided against pursuing an increase in sales tax to help fund the RTD FasTracks transit expansion program. All board members were unanimous in concluding that the timing was not right for a tax increase. The Board of Directors decided to continue working towards pursuing alternative sources of funding such as grants, public-private partnerships, and unsolicited proposals. The sales tax increase has not been permanently excluded and may be considered in the future at an appropriate time. More details are available through the following links:

- RTD Press Release: <http://goo.gl/SoTaE>
- RTD Board nixes FasTracks tax vote this year: <http://goo.gl/prQF7>

### SURFACE TRANSPORTATION EXTENSION ACT OF 2012 PASSES HOUSE AND SENATE

On March 29, 2012, the House and Senate passed the Surface Transportation Extension Act of 2012. The bill was subsequently signed by President Obama on March 30, 2012. This extension will ensure continuity in transportation funding through June 30, 2012. The previous extension was scheduled to expire on March 31, 2012. More details are available through the following link:

- H.R. 4281: Surface Transportation Extension Act of 2012: <http://goo.gl/lcZb7>

### HOUSE PASSES SURFACE TRANSPORTATION EXTENSION ACT OF 2012, PART II

On April 18, 2012, the House of Representatives passed the Surface Transportation Extension Act of 2012 Part II. This bill further extends the previous extension passed on March 29, 2012, from June 30, 2012 to September 30, 2012 and includes provisions for construction of the Keystone XL Pipeline to transport oil from Canada to Texas. More details are available through the following links:

- House Passes Transportation Extension Bill Including Keystone XL Pipeline Provision: <http://goo.gl/4TIWg>
- Surface Transportation Extension Act of 2012, Part II (H.R. 4348): <http://goo.gl/CXvSF>
- Take Two: House Passes Another SAFETY-LU Extension: <http://goo.gl/3SqB0>

### WYOMING REJECTS BILL ALLOWING 80 MPH SPEED LIMITS BUT APPROVES BILL TO ALLOW PASSING ABOVE POSTED SPEED LIMITS

On March 2, 2012, the Wyoming State Senate rejected House Bill 48 that would have allowed Wyoming Department of Transportation (WYDOT) to increase the posted speed limits to 80 mph at appropriate locations. The bill was passed by the House on February 28, 2012. Strong concerns from law enforcement officials were a determining factor in rejecting the bill. However, lawmakers passed a similar bill (House Bill 21) that would allow motorists to exceed posted speed limits by up to 10 mph to pass vehicles traveling below the posted speed limit. More details are available through the following links:

- Driving fast bills speed through Wyoming Legislature: <http://goo.gl/rvqaR>
- Senate puts brakes on 80 mph proposal: <http://goo.gl/kHWbI>
- Legislative Detail: WY House Bill 21 Details: <http://legiscan.com/gaits/view/396274>

Please visit <http://www.cowyite.org> for most recent updates on transportation related legislative activities.



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## Golf Committee

by Jeff Ream, Chair

### 2012 ITE GOLF TOURNAMENT BENEFITTING THE ITE STUDENT SCHOLARSHIP FUND

There is just a little more than a month left to sign up for the 2012 ITE golf tournament, so no time to delay! This year's event will be held on Friday, June 15th at Coal Creek Golf Course in Louisville, Colorado. Coal Creek is located just east of McCaslin Boulevard on the north side of US 36. The cost this year is \$95 per player, which, as usual, includes golf, carts, range balls, coffee and juice, a BBQ lunch, and prizes, prizes, prizes!

And when you sign up, why not also consider a sponsorship this year? Sponsorships, either as company, team or an individual, are always appreciated as they help provide participants with excellent on-course and attendance prizes, but most importantly, they benefit the ITE Student Scholarship Fund. Every contribution is appreciated, but this year we're suggesting four sponsorship levels, similar to what we did last year:

**Par—\$100:** This package includes your team/company name on the rules sheet and recognition at the awards luncheon.

**Birdie—\$200:** Includes everything in the Par package, plus a hole sponsorship sign.

**Eagle—\$300:** Includes everything in the Birdie package, plus sponsorship of one of the on-course competitions (longest drive, closest to the pin, etc.).

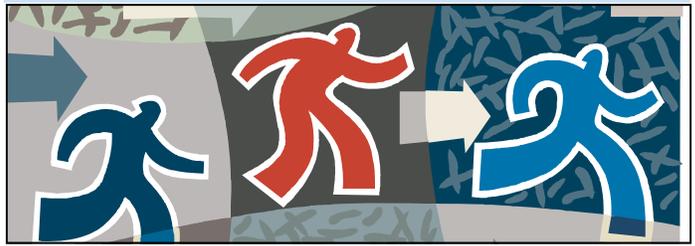
**Double Eagle—\$500:** Includes everything in the Eagle package plus your company name on each golf cart.

You can register and sign up for sponsorship on the Section website at [www.cowyite.org/golf](http://www.cowyite.org/golf).

If you have any questions about the tournament, please contact Jeff Ream at [jeff.ream@fhueng.com](mailto:jeff.ream@fhueng.com) or Craig Faessler at [craig.faessler@ch2m.com](mailto:craig.faessler@ch2m.com). We look forward to seeing you in June at Coal Creek Golf Course!

## Membership Committee

by Rich Follmer, Chair



The following Section members have made some recent employment changes:

- Chris Hopkins is now the Director of Engineering for JR Engineering

Congratulations to Melissa Rosas, Apex Design for being awarded "Forty Under 40" by the Denver Business Journal as a leader in her profession and for her contributions to the community.

If you recently joined ITE, changed jobs, or have been recognized for a particular achievement, let me know so we can mention it in an upcoming Conveyances newsletter. Please email your news to me at [rich.follmer@fhueng.com](mailto:rich.follmer@fhueng.com).

If you do have a change in employment and are a National Member, it is important to change your information with the national database by going to [www.ite.org](http://www.ite.org). However, if you are a Section Affiliate, make sure to give your change in employment with the local Membership Chair at [rich.follmer@fhueng.com](mailto:rich.follmer@fhueng.com).



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## Treasurer's Report

by Aaron Heumann, Secretary/Treasurer



The current budget summary is listed below.

If you have any questions or comments concerning this budget summary, please contact Aaron Heumann at [ahumann@greenwoodvillage.com](mailto:ahumann@greenwoodvillage.com).

## Awards Committee

by Dave Hattan, Chair

### TRANSPORTATION PROFESSIONAL OF THE YEAR FOR 2011

Gregory A. MacKinnon, P.E.



Greg MacKinnon has been selected by the Awards Committee to receive the Transportation Professional of the Year Award for 2011 based on his hard work and diligence on behalf of ITE. He has been employed at DRCOG for nearly 6 years and worked as a transportation consultant for the prior 15 years. As the Transportation Operations Program Manager at DRCOG, Greg helps set

the standard for the profession in the Denver area and statewide. He is respected and looked upon as a regional resource to local governments for traffic signal and ITS planning and operations.

Greg has demonstrated outstanding leadership in our field and within ITE. As a member and leader of ITE, Greg's selfless dedication has guided the Colorado Wyoming Section to becoming a more visible and accessible organization. His initial involvement on the Executive Committee was the first official Section Newsletter Editor. As a Section Officer, he led the update of our By-laws and Charter; developed an Executive Committee handbook; streamlined our membership database; and improved our website.

He also led the development of a five-year strategic plan. The plan built from the foundation of the previous Executive Committee accomplishments and set a direction with measurable goals to assist in the growth of the value of the Section. Under Greg's leadership, the Section achieved a number of the initial five-year goals. The plan is now a tool available to successive Section Presidents to both measure and guide future committee accomplishments.

Few people have as much energy to devote to the profession as Greg. Greg's dedication to ITE continues through both his role as Past President and his concurrent role as Website Committee Chairman.

These responsibilities have been carried out with quality and energy, demonstrating that he deserves the 2011 Transportation Professional of the Year Award.

Please come to the May 18th Section meeting and help recognize Greg for his outstanding achievements.



The Colorado/Wyoming Section is now on Facebook! To get connected with other members, go to:  
<http://tinyurl.com/cowyitefacebook>

Actual Cash Flow as of March 31, 2011		
Income	Budget	Actual
<b>Executive Committee</b>		
Business Card Ads	\$5,000.00	\$5,175.00
Dues - ITE Payment	\$3,600.00	\$1,003.20
Dues - Misc	\$300.00	\$216.00
Employment Ads	\$0.00	\$50.00
Interest	\$75.00	\$45.75
Lunch Meetings	\$8,150.00	\$8,567.81
Spring Symposium	\$8,000.00	\$0.00
Vendor Show	\$12,000.00	\$14,645.24
<b>Activities</b>		
Annual Activity	\$2,500.00	\$0.00
<b>Continuing Education</b>		
	\$3,265.00	\$708.50
<b>Golf</b>		
	\$10,700.00	\$0.00
<b>Subtotal</b>	<b>\$53,590.00</b>	<b>\$30,411.50</b>
Expense	Budget	Actual
<b>Executive Committee</b>		
Administrative	\$1,600.00	\$1,159.42
President's D6 registration	\$1,600.00	\$0.00
Bank Charges	\$50.00	\$2.00
EC Meetings	\$1,000.00	\$597.95
Lunch Meetings	\$8,900.00	\$9,943.17
Program Committee	\$1,000.00	\$55.00
Newsletter Contest	\$100.00	\$150.45
Table Survey Contest	\$125.00	\$75.00
Spring Symposium	\$7,200.00	\$860.37
Vendor Show	\$8,500.00	\$0.00
<b>Activities</b>		
Charitable Giving	\$1,000.00	\$1,000.00
Happy Hour	\$175.00	\$170.00
Annual Activity	\$2,500.00	\$0.00
<b>Awards</b>		
	\$250.00	\$179.37
<b>Continuing Education</b>		
	\$4,500.00	\$6,115.00
<b>Membership Committee</b>		
	\$240.00	\$92.18
<b>Golf</b>		
	\$9,500.00	\$1,198.96
<b>Transfer to Scholarship</b>		
	\$3,000.00	\$125.00
<b>Student Chapter</b>		
	\$1,000.00	\$43.65
<b>Website</b>		
	\$250.00	\$0.00
<b>Technical Committee</b>		
	\$700.00	\$0.00
<b>Contingency</b>		
	\$400.00	\$0.00
<b>Subtotal</b>	<b>\$53,590.00</b>	<b>\$21,767.52</b>
<b>Total</b>	<b>\$0.00</b>	<b>\$8,643.98</b>



# SECTION ANNOUNCEMENTS



Please send any announcements that you wish to be posted in the newsletter to Bart Przybyl, Newsletter Editor, [bart.przybyl@apexdesignpc.com](mailto:bart.przybyl@apexdesignpc.com).

## WESTERN DISTRICT PUBLIC RELATIONS COMMITTEE CHAIR

Chuck Huffine, PE, PTOE, AICP, was appointed as Chair of the ITE Western District Public Relations Committee. This is a new committee, with a mission to develop and maintain a coordinated public relations and outreach program for the Western District that will promote the successes and accomplishments of ITE and its members to the public and other districts. Chuck is in the process of developing a plan for the committee and will soon be recruiting committee members and developing a PR contact database. Please contact Chuck if you are interested in serving on the committee ([chuck.huffine@jacobs.com](mailto:chuck.huffine@jacobs.com)). In particular, he will need people with good PR/media relations experience. This position should help increase the visibility of the CO/WY Section within the District and beyond. Chuck is a Senior Traffic Engineer/Planner with Jacobs Engineering.

## CALL FOR TECHNICAL ARTICLES

Do you have a good project experience you would like to share with your peers? The Technical Committee is looking for article publications and ideas. Technical articles for the Conveyances newsletters should be approximately 350 words, or three paragraphs, in length. If longer, full-length versions of the articles will be published online at the ITE Colorado/Wyoming Section website. If you want to share a project that may interest our Section, please contact Nitin at [Nitin.Deshpande@jacobs.com](mailto:Nitin.Deshpande@jacobs.com) or 303-223-5889.

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**Puzzle Maniac**

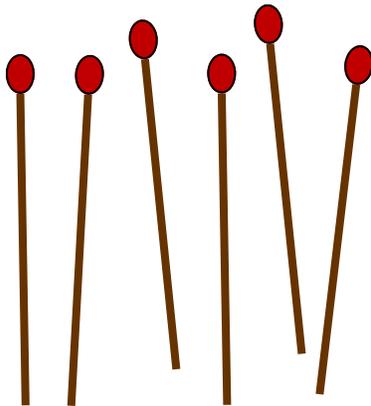
by Bart Przybyl, Newsletter Editor

Congratulations to **Nathan Beauheim**, who was the newsletter's Puzzle Maniac winner! He graciously chose to donate his prize to the scholarship fund.

For this issue's puzzle, the challenge is to take six matches and lay them out in such a way so that each touches the other five.

Please send your answer to [bart.przybyl@apexdesignnpc.com](mailto:bart.przybyl@apexdesignnpc.com) by May 11, 2012.

The winner will be awarded a free ITE lunch OR a \$25 gift certificate to the establishment of their choice.



**SOLUTION TO LAST NEWSLETTER'S PUZZLE**

The correct answer was D.



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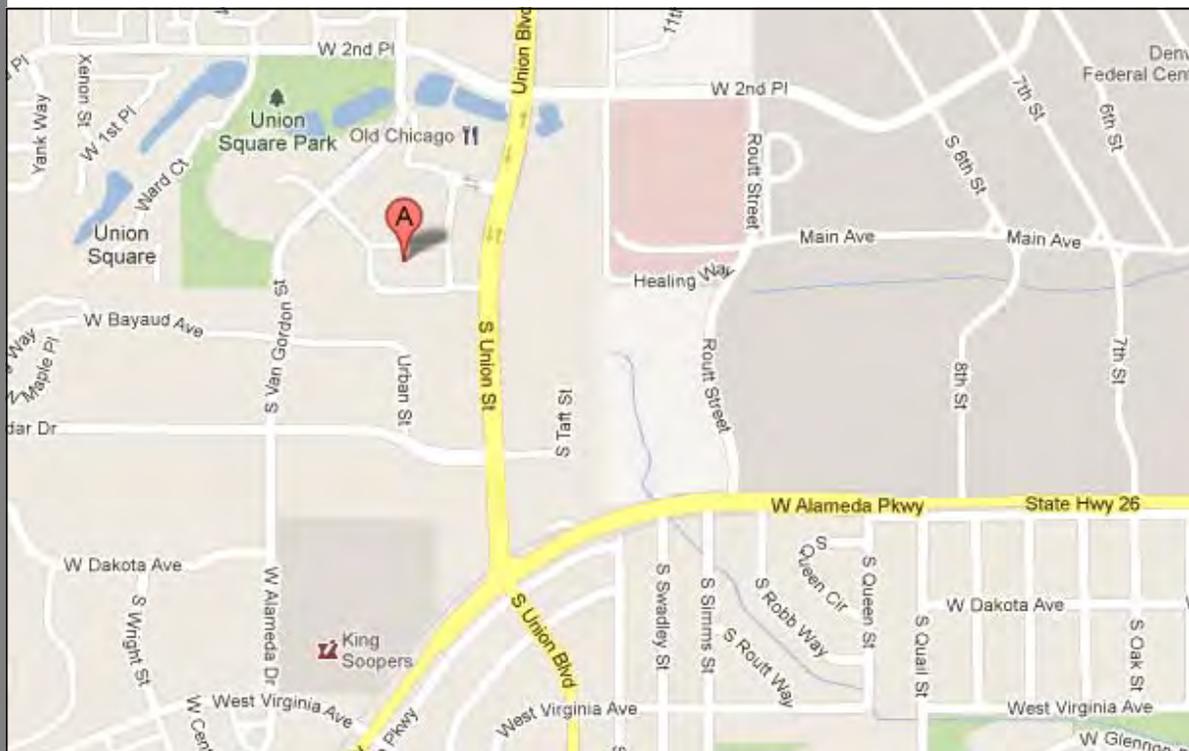
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## MAY LUNCHEON

**What:** ITE Colorado/Wyoming Section Luncheon Meeting

**When:** **Friday, May 18, 2012**

**Where:** The Hampton Inn  
Denver West Federal Center  
[137 Union Blvd.](#)  
[Lakewood, CO 80228](#)



**Time:** 11:00 a.m.—Registration and Networking  
11:45 a.m.—Lunch Served  
12:45 p.m.—Program & Presentation

**Program:** **Panel discussion on Expert Witnesses and Legal Claims involving Characteristics of the Road**

**Presenters:** **Federico C. Alvarez, Esq.**, Mediator/Arbitrator, former Denver County and Denver District Judge  
**Ron Hensen**, Senior Principal Engineer, SEH, Inc.

**Cost:** \$30.00 for Members  
\$35.00 for Non-Members  
\$10.00 for Students

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**Menu:** The luncheon will feature a Pasta Bar with cheese ravioli and tortellini. Sauce choices will include tomato, meatball or alfredo sauce. Served with tossed green salad and garlic bread, fruit pies, and ice tea. Options will be available for vegetarians.

# Events Calendar

Please send events to be posted in this calendar to Bart Przybyl, Newsletter Editor, [bart.przybyl@apexdesignpc.com](mailto:bart.przybyl@apexdesignpc.com).



**May 9-11, 2012**

WTS Annual Conference  
Denver Metro

**May 10-12, 2012**

ITE Intermountain Meeting  
Jackson, WY

**May 18, 2012**

CO/WY ITE Section Luncheon  
Denver Metro

**May 23-25, 2012**

TRB Trans. Planning Conference  
Denver Metro

**May 24, 2012**

CO/WY ITE Section  
Executive Committee Meeting



**June 15, 2012**

2012 CO/WY ITE Golf Tournament  
Coal Creek Golf Course, Louisville, CO

**June 19, 2012**

CO/WY ITE Section  
Executive Committee Meeting

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## Nomination for Secretary/Treasurer for 2012-2013

by Greg MacKinnon, Past President

The Colorado-Wyoming Section Executive Committee has accepted two nominations for the position of Secretary/Treasurer for fiscal year 2013, which begins in September. The Secretary/Treasurer is the custodian for all Section funds and is responsible for the documentation of all Section meetings and correspondence. The Secretary/Treasurer also serves as the Editor-in-Chief of the Section newsletter and coordinates membership communications with other members of the Executive Committee.

The nominees will be given an opportunity to speak to the attendees of the May 18, 2012 luncheon. Voting will open on May 21, 2012 when eligible members will receive an e-mail with instructions to cast an electronic ballot. Voting will close on June 4, 2012, at 5:00 PM.

### Secretary/Treasurer Nominee: Anna L. Bunce, P.E.



Anna L. Bunce is the Traffic Engineer for the City of Aurora, Colorado. She has been in the traffic industry for approximately 11 years now, having arrived in traffic through a somewhat circuitous route involving previous work in pension administration and venture capital/investment banking. Having finally stumbled into traffic, she knows that she is home—the affiliations on the badges may change, but the people don't. She has significant experience in multiple areas including traffic operations, traffic signal timing, design, plan review, construction management, equipment and material procurement, safety analysis, visioning/planning, and significant customer service contact with citizens, school districts, and other jurisdictions as well as internally at the City with multiple departments and areas.

Anna is an ITE Member and attends ITE programs as often as she can get out of the office—she particularly enjoys the Vendor Show every year. (The Ft. Collins TOC/New Belgium tour is a past event that still evokes fond memories.) Anna has also been actively involved in WTS and IMSA in the past, but has chosen to focus on ITE for her primary professional involvement.

Anna has a BA in Math and Classical Languages from Randolph-Macon Woman's College in Lynchburg, VA, an MS Applied Math from the University of Colorado at Boulder, and an MS Civil Engineering from the University of Colorado at Denver. She is a registered Professional Engineer in the state of Colorado. She hopes to someday complete her MA in Latin but is currently occupied with her 1-year old daughter and a never-ending stream of home improvement and craft projects as well as the occasional foray into video gaming when time permits. She hopes to bring a diversity of perspective to the Colorado-Wyoming Section if she is elected to serve.

### Secretary/Treasurer Nominee: Jeremy Hanak, P.E., PTOE



Jeremy is the Public Works Manager – Traffic for the City of Greenwood Village. He oversees the traffic engineering staff as well as the signing and striping maintenance crew. After graduating from the University of Kansas in 1999 Jeremy moved back to Colorado to begin his career with PBS&J (now Atkins) moving on to a brief stint with Harris Kocher Smith prior to starting with the City of Greenwood Village. Jeremy is a registered Professional Engineer in Colorado and a certified PTOE. Jeremy has been a member of ITE since 2000.

Jeremy would like to return the favor that many previous CO/WY ITE members have provided by serving as Secretary/Treasurer and giving back to the transportation engineering society at the local level. As a public servant there are many ways we aim to serve the motoring public and to be able to also serve and assist others in their career endeavors would be a privilege.



### **Company Description**

Muller Engineering Company is a multi-disciplined civil engineering firm that specializes in planning and design of transportation facilities, water resources projects, drainage and flood control and water and sewer utilities. Project work is completed for primarily public sector clients including the Colorado Department of Transportation, Urban Drainage and Flood Control District, cities, counties and special districts. Our transportation group is currently seeking additional staff to support our roadway design projects in Colorado.

Muller offers opportunities for growth in a mid-sized firm (45 person staff) to work on urban and rural roadway and interstate highway projects. We offer competitive benefits including profit sharing and bonus programs. The following positions are currently available:

**Roadway Design Engineer.** Muller Engineering Company is currently seeking a roadway design engineer with a civil engineering degree and 1 to 3 years of experience in the design of urban and rural roadways and interstate highways. Knowledge and experience with Microstation and InRoads is **required**. In addition, experience with CDOT or other state DOT plan preparation procedures and standards is a plus.

**Roadway Engineer.** Muller Engineering Company is currently seeking a roadway design engineer with a civil engineering degree and 4 to 8 years of experience in the design of urban and rural roadways and interstate highways. Knowledge and experience with Microstation and InRoads is **required**. In addition, a Colorado Professional Engineer License, or ability to transfer a license from another state is **required**. Experience with CDOT or other state DOT plan preparation procedures and standards is a plus.

**CAD Technician/Designer.** Muller Engineering Company is currently seeking a CAD Technician/Designer with 2 to 10 years of experience in preparation of plans for urban and rural roadways and interstate highways. Knowledge and experience with Microstation is **required** and experience with InRoads is a plus. In addition, experience with CDOT or other state DOT plan preparation procedures and standards is a plus.

To apply, submit a cover letter and resume to Robert Carlson, President at [rcarlson@mullereng.com](mailto:rcarlson@mullereng.com).

# FEHR & PEERS

## **TRANSPORTATION ENGINEERS/PLANNERS (ENTRY- AND MID-LEVEL) DENVER, CO**

The Fehr & Peers Denver office is seeking entry-level (intern-to-hire) and mid-level transportation engineers who can make a significant contribution to our success as a preeminent traffic engineering and transportation planning consulting firm. This person will demonstrate the passion, experience and skills necessary to achieve immediate success as a productive transportation engineer/planner, and have the talent and desire to achieve long term success as a transportation consultant.

The successful applicants will:

- Analyze/solve complex transportation planning or engineering problems
- Communicate clearly and concisely, both orally and in writing
- Use software effectively and make timely and informed recommendations
- Work on a variety of projects, which may include downtown studies, campus plans, corridor studies, traffic operations simulations, traffic impact studies, safety studies, and regional transportation plans
- Depending on experience: manage projects, delegate and supervise work, develop high quality client relationships, and market and win work

For qualification requirements and to apply, go to  
<http://www.fehrandpeers.com/career-opportunities/>



## PROJECT ENGINEER – TRAFFIC ENGINEER

Schmueser Gordon Meyer, Inc. (SGM) is a thriving full-service engineering, consulting and surveying firm headquartered in Glenwood Springs, Colorado. Please visit us at [www.sgm-inc.com](http://www.sgm-inc.com) for full company details.

SGM is currently seeking a **PROJECT ENGINEER – TRAFFIC ENGINEER** for our Transportation Engineering department.

The ideal candidate will possess the following experience, skills and licensure:

- B. S. degree in civil engineering or a closely related field
- Current Colorado PE license in civil engineering or in the process of obtaining a Colorado PE license
- 2-5 years experience in Transportation, Traffic and General Civil engineering
- Strong written and oral communication skills
- Excellent client service and business development skills
- Successful project management skills and experience
- Ability and desire to pursue and obtain a professional traffic operations engineer (PTOE) license
- Working knowledge of AutoCAD/Micro Station, HCS and Synchro required
- Strong leadership and problem-solving skills
- Valid Colorado Driver's License

In Summary:

The candidate will have demonstrative experience with the following projects including, but not limited to, the following:

Preparation of traffic impact studies, feasibility assessments, corridor studies, intersection analyses, access and circulation studies, design and preparation of project plans, traffic signal and roundabout design, and review of traffic studies submissions.

## 2011—2012 Executive Committee

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