

Montana Society of Engineers

A state society of the National Society of Professional Engineers



Founded 1887

Thanks for a Wonderful Year!

Bill Buxton, PE, President

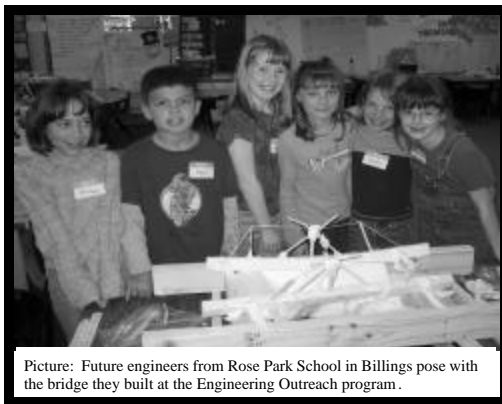
President's Message: As I finish my term as President of the Montana Society of Engineers, I want to thank everyone for their help and support. Special thanks goes to Connie Dempster for her patience with late newsletter articles and to Tom Heinecke for his help and guidance. I would also like to thank the rest of the MSE Board (both past and present) for their continued leadership.

As I have stated in past newsletter articles, I want to encourage all of you who read this to get involved. This can be either at the local or state level and can range from hundreds of hours a year to just one hour a month. We have been and are continuing to do wonderful things to promote this profession. Efforts range from MATHCOUNTS to outreach programs at elementary schools. Regardless, every effort is appreciated. Keep up the good work!

MSU Engineering Outreach Program Update!

Dan Munson, PE, Vice President

The Engineering Outreach Program that the Civil Engineering Department at Montana State University has developed has really caught on in Billings. The Billings Engineer's Club (BEC) jumped on the program, got organized, and conducted hands on training with 13 elementary schools within a 3 month period of time. Over 75 engineering volunteers contributed more than 4000 hours to show off the engineering profession to over 750 elementary children. Requests for more presentations to be scheduled throughout summer school and into the fall year have already been pouring in.



Picture: Future engineers from Rose Park School in Billings pose with the bridge they built at the Engineering Outreach program.

students excited about engineering and science at an early age. This is accomplished by hands-on exploration of two familiar components of engineering infrastructure, namely bridges and dams.

"As soon as Anders Larsson from MSU presented this program, we knew it would work and be a lot of fun" says BEC president Crystal Kuntz of Kadrmas, Lee, & Jackson. It has proved to be a great opportunity for the usually quiet engineering community to reach out and teach elementary school students what engineering is about in a very hands on manner. Everybody who has been involved up to this point has been very pleased with the quality of the program.

So far, the BEC has not had to turn down school requests since so many local engineers have gladly volunteered their time. "It's really amazing to watch these kids at work. They might start out a little slow and confused, but within 10 minutes, they have caught onto the idea", says Pat White of Morrison-Maierle Inc., a willing volunteer.

This program is designed to expose second and third grade students from Montana to the engineering profession, and get young

If you would like to get involved in this worthwhile program, or need more information, please contact the program coordinator:

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June, 2003

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2002-03 MATHCOUNTS Wrap-Up

Dan Munson, PE, State Coordinator

The 2003 MATHCOUNTS season officially wrapped up on May 9th when 228 "Mathletes" from around the nation gave it their best at the National Competition in Chicago. An 8th grader from Seattle took the National title, and the California team placed first in the nation.

Closer to home, the Montana MATHCOUNTS team placed 43rd out of 57 national teams. Ross Rowsey and Antony Speranza from Helena's CR Anderson Middle School, Corbin Johnson from Missoula's Washington Middle School, and Andrew Wiens from Billings Will James Junior High School, along with the CR Anderson Middle School Math teacher Chuck Bozdog, represented Montana as our official state team.

Although the students are breaking from MATHCOUNTS for the summer, the coordinators are still busy doing a lot of volunteer work behind the scenes. The seven Montana MATHCOUNTS chapters are looking at ways to get additional schools, coaches, and volunteers to participate in their areas. Corporate and individual fund raising continues all year round. We are also putting our heads together to come up with ideas to make the 2004 MATHCOUNTS season the best yet. That's where I would like your help.

The MATHCOUNTS program is organized by the National Society of Professional Engineers on a national level. Locally, MATHCOUNTS is organized by the Montana Society of Engineers, with local volunteer effort being provided by area engineers, students, and professionals. Montana has always had a great contingent of fellow engineers volunteering their time to make the program run smoothly. A special thanks to all of you who have helped make this program so successful.

We can always use volunteers to help with the February and March competitions. Schools are always looking for community help to assist in coaching their MATHCOUNTS teams before and after school. Fund raising efforts are always ongoing. We are also looking for an interested engineer that would like to help co-ordinate the Bozeman chapter program. Once you get involved, you quickly find out how meaningful and rewarding this program is to both the kids, and the professional volunteers as well. If you would like to get involved with this great program, contact Dan Munson at dan.munson@northwestern.com for more information.

Listed below are the 2002-03 financial sponsors of the MATHCOUNTS program. Without their support, the program would not exist.

Advanced Silicon Materials, Inc.
American Linen
Ash Grove Cement
Beaudette Consulting Engineers
Bison Engineering, Inc.
Blackfoot Telephone Coop
CENEX Refinery
Columbia Falls Aluminum Company
Conoco, Inc.
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Dennis & Phyllis Washington Foundation
Elk River Concrete
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Holcim
Luzenac America, Inc.
Maxim Technologies, Inc.
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Montana Refining Company
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UniField Engineering
Van Dyken Engineering
WGM-Engineering Surveying Consultants
Yellowstone Electric Company

THANK YOU!
You make MATHCOUNTS possible.

We are also looking for an interested engineer that would like to help co-ordinate the Bozeman chapter program. Once you get involved, you quickly find out how meaningful and rewarding this program is to both the kids, and the professional volunteers as well.

Member Profile: Dave Hummel, PE

Named NSPE Fellow

Dan Hogan, PE, Secretary/Treasurer

Dave Hummel received his B.S. in Civil Engineering from Yale University in 1962. Following that accomplishment, he entered the Master's Program at Stanford University and earned his M.S. in Civil Engineering. 1963 was a big year for Dave. In addition to receiving his M.S., he began work at Bechtel Corporation and married Cynthia Nash. Dave's work in the Power Plant Construction Industry brought him to Montana, where he acquired his P.E. in January of 1968. In 1969, Dave left Bechtel to join Empire Sand and Gravel as a construction estimator and project manager. After 7 years with Empire, Dave moved on to COP Construction. There he served on the Board of Directors while continuing his efforts in estimating and project management. The chance to join Chen Northern then presented itself and Dave made the most of the opportunity. He was an instrumental member of their team during the transition from Chen Northern to Northern Engineering and Testing to Maxim Technologies. 1998 brought a close to his tenure with Maxim after 18 years, 11 of which were spent as the Billings Office Manager. Dave now works as a Construction Engineering Consultant.

While pursuing his notably successful career, Dave has also been actively involved in professional organizations since 1965. His accomplishments within NSPE include:

- Outstanding Young Engineer, Midland Empire Chapter MSE-NSPE; 1974
- Member Board of Governors NSPE-PEC; 1987-1989
- Construction Professional Development Award (Chen Northern) NSPE; 1988
- Chairman, Hazardous Materials Project, NSPE-PEC; 1988-1989
- Vice Chairman, Western Region NSPE-PEC; 1989-1993
- Distinguished Service Award, Midland Chapter MSE-NSPE; 1992
- Member L&QP Committee NSPE-PEC; 2000-2001
- Secretary, Chair-Elect and Chair NSPE-PEC; 2000-2003
- Fellow NSPE; April 26th, 2003

Dave's election to Fellow NSPE was the first for State of Montana. Amazingly enough, despite all the time and effort Dave has contributed to his career and the profession of Engineering, he has found time to devote himself to other pursuits including participation in the Billings Chamber of Commerce, support of the Billings Symphony and

the Yellowstone Art Museum as well as raising two sons, Karl and Eric.

We would like to thank Dave for his past and continuing contributions to MSE, and engineering in general, and offer congratulations for his election as Fellow.

Montana Tech Council

Facing Transition

Doug Brekke, PE, President-Elect

MSE is a member society of the Montana Tech Council (MTC). Other members include societies representing Engineers, Architects, and Land Surveyors. Recently the Montana Association of Registered Land Surveyors (MARLS) announced that they will not participate in the Montana Tech Council. Other sponsoring societies are discussing the future of the MTC.

The MTC hires a lobbyist to monitor issues facing the Montana legislature. The lobbyist has often been helpful in alerting MTC members about bills that involve design professionals. Suggesting new legislation has been difficult since all MTC members must agree to support a specific course of action. MARLS plans to hire a representative that will work on issues specific to their concerns.

Bills related to Quality Based Selection for design services and the public funding of Design/Build projects have been the issues of greatest concern to the MTC. Appropriations for construction projects depend on tax revenue. Promoting new construction projects has been unrealistic.

With the departure of MARLS, maintaining a similar role in the Montana legislature will require increased funding from the remaining members. If the MTC is unable to continue, each of the member societies will be exploring other options.

MSE has traditionally been involved in supporting or opposing bills in the legislature. During the legislative session, bills are often considered and discussed with very little warning. We seek ways to monitor bills under consideration and identify bills that involve the engineering profession. Please contact an MSE with your suggestions.

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Engineers Build the Future with . . . Hands-on Learning

As copied from the Billings Gazette and By Lorna Thackery of the Billings Gazette Staff

Every bridge requires an engineer. Try building a dam without one. Engineers keep oil pumping and airplanes flying. They power the country and design computer programs, cars and communications systems. In Billings, every once in a while, they teach school. Since late last March, about 75 volunteers, under the auspices of the Billings Engineers Club, have contributed more than 4,000 hours, visiting 13 elementary schools and working hands-on with about 700 students.

Fun, practical applications

With the help of the professionals, small groups of students rotate among stations set up by the engineers to learn some of the fundamentals of the trade. They use Styrofoam balls and toothpicks to create a water wheel. They build bridges of their own design, trying to shore them up with everything from straws to spaghetti strands. And they learn that math and science have fun and practical applications.

Discussions of compression and tension may fly over the student's heads, but when they start building a bridge with straws, rubber bands and string, the lights go on. "Sometimes at the start they are pretty confused," said Pat White, a volunteer from Morrison-Maierle, Inc. "But it takes them no more than 10 minutes and they catch on to it."

When a teacher requests a visit from the engineers, Crystal Kuntz of Kadrmass, Lee & Jackson sends out a call for volunteers. It takes nine people, including a team leader, to put together a team to present the 2½ hour program.

"Whether we can go to the schools depends on if enough people volunteer," she said. "We haven't had to turn down a school yet."

"Usually more than enough engineers volunteer, most with the blessing of the companies they work for", she said. Someone steps up as team leader to organize the engineers and supplies and to coordinate with the school. The team leader makes the initial Power Point presentation, explaining some simple concepts that the children will put into action.

The program can be adapted for first-graders through sixth-graders. Normally the engineers work with two classes at a time, for total of between 50 and 60 students.

"I'm always a little nervous at the beginning, worrying that everything won't go right," White said. "But when it's over, it's such a great mood. It's like, wow, that was fun."

While they are learning about engineering, the students are also learning about teamwork, Kuntz said. And so are the team members, who often are employed at competing firms.

"As we started teaching and working with kids, we realized how much teamwork we have to do every day," she said. "We started emphasizing the need for teamwork with the kids."

The program was originally designed by Anders Larsson, an adjunct professor at the Department of Civil Engineering at Montana State University. His objective was to put together an outreach program to excite students about engineering at an early age. It was originally funded by a mini-grant as part of the Science and Engineering for all Project at MSU. It's now in partnership with the American Society of Civil Engineers, Montana Society of Engineers and the Institute of Transportation Engineers.

Kuntz heard about the program and asked Larsson to be guest speaker at the Billings Engineers Club monthly meeting last October. The club is a conglomerate of other engineering societies around Billings, and all engineers are welcome to attend.

"The neatest thing is that as soon as Anders presented it to us, we knew it would work and it would be a lot of fun," Kuntz said.

The program Larsson designed has been modified to meet the needs of the larger schools in the Billings area, but the concept is the same – allow students hands-on experience with simple tasks that will help them understand and take an interest in engineering.

During the summer, the volunteers have ambitious plans for refining the program. Emphasis now is on structural engineering. Kuntz said they hope to expand the program to include other facets from petroleum to computer engineering. They are also considering putting together material that teachers could use in advance to prepare the students and for exercises the teacher could use as a follow-up lesson.

Hauling equipment

A trailer donated to the cause needs to be renovated this summer. It will be used to haul the considerable amount of equipment and supplies needed for the program. Donations to the nonprofit program are always welcome, as are volunteers. Kuntz said the club hopes to increase the volunteer pool from 75 to 100 for next year.

"The more volunteers we get and the more sponsors, the more schools we can visit," she said. To volunteer or to request a presentation at your school, e-mail Kuntz at ckuntz@kljeng.com

Current sponsors include the City of Billings Public Works Department; Brewer and Associates; Kadrmass, Lee & Jackson; SSR Engineers; Morrison Maierle Inc.; Northwestern Energy; Engineering, Inc.; Western Area Power Administration; Conoco; Phillips; Electrical Consultants Inc.; Unifield Engineering, Inc.; Timberline Resources; HDR; Marvin and Associates; SK Geotechnical; and Bullberry Systems, Inc.

It was originally funded by a mini-grant as part of the Science and Engineering for all Project at MSU. It's now in partnership with the American Society of Civil Engineers, Montana Society of Engineers and the Institute of Transportation Engineers.

HB 438 & HB 482 Effective July 1, 2003

By Carl Schweitzer, Executive Director
American Subcontractors Association of Montana

In the 2003 Montana Legislative Session there were 2 significant changes made to construction contract in Montana. First HB 438 significantly amended Montana's Construction Payment statutes and second, HB 482 banned certain types of indemnity and insurance clauses in construction contracts. Both bills were requested and supported by the American Subcontractors Association of Montana and the Montana Contractors' Association.

HB 438 - Amendments to Montana's Construction Payment Laws: Since HB 438 made some significant changes that will impact owners as well as contractors it is important that architects and engineers, as owner's representatives are aware of the new construction payment laws of Montana. This article will address the following questions about the new law:

1. How does the payment process work – what are the payment time tables?
2. Under what circumstances can a general contractor or a subcontractor suspend work?
3. What types of construction projects does the law apply to?
4. When does it go into affect?
5. Are there other aspects of HB 438 I should know about?

What are the payment time tables? Prior to the Legislative Session, an owner was required to pay a general contractor within 30 days after receipt of a billing. The general contractor in turn was required to pay the first tier subcontractors within 3 working days from when the GC received payment. The new law requires payment as follows:

1. A general contractor shall bill an owner monthly.
2. After receiving the bill, an owner has 21 days to approve it. The owner can, in writing, specify what payment items are not approved, and after 21 days whatever is not specifically disapproved by the owner is considered approved.
3. Within 7 days after approving all or part of the billing, the owner shall pay for work approved.
4. Within 7 days of the general contractor receiving payment, the general contractor shall pay the first tier subcontractors for work that was approved by the owner.
5. Within 7 days of the first tier subcontractor receiving payment, the first tier subcontractor shall pay the second tier subcontractors for work approved by the owner. This timetable continues for lower tiered subcontractors.

These timeframes are mandatory unless the owner notifies all potential contractors that either items 1, 2 or 3 are going to be different. The law allows an owner to alter the terms of payment by notifying potential bidders in the "Information to Bidders" section of the construction documents. For example, an owner may change the monthly billing cycle to 45 days, or he may extend the approval time to 35 days, as long as all potential bidders are notified up front.

Under what circumstances can work be suspended? HB 438 contains strict provisions stipulating when a general contractor or a subcontractor may suspend work or terminate a construction contract.

A general contractor may suspend work or terminate the contract only if an owner fails to pay for the GC's work that has been approved. The GC must give the owner at least 7 calendar days written notice of his intent to suspend or terminate.

A subcontractor may suspend work or terminate

the contract only if the owner or the GC fails to pay for work that has been approved. If a GC is paid for the subcontractor's approved work, but fails to pass on the payment, the subcontractor must also give the owner a 7 day notice prior to suspending work or terminating a contract.

The key to if and when a contractor can suspend work or terminate a contract lies with the owner. If an owner pays for work approved—and the money flows down to the appropriate contractors—all work must continue.

What types of construction projects does the law apply to? The statute applies the following types of construction projects:

- All private commercial construction.
- Residential construction where the total cost is greater than \$400,000.
- All government entities, with the exception of State and Federal construction projects. The act defines a governmental entity as a city, town, county, consolidated municipal-county government, school district or other special district. It was originally thought that the legislation applied to State agencies, but it was discovered late in the game they were not included.

When does it go into effect? The new law is effective Oct. 1, 2003 and applies to construction contracts entered into on or after that date.

Are there other aspects of HB 438 I should know about? HB 438 requires that disputes involving construction contracts for projects in Montana be adjudicated in Montana, under Montana laws. All Montana construction contracts will be litigated, arbitrated or disputed using Montana laws and if necessary Montana courts.

HB 482 - Limiting The Transfer of Risk In Construction Contracts: HB 482 was perhaps the most significant contractor legislation that passed the 2003 Session. It was drafted by the American Subcontractors Association of Montana (ASAM) and proposed jointly with the Montana Contractors' Association (MCA) as an attempt to stem the unfair transfer of risk in construction contracts.

Specifically, this legislation mandates the traditional "common law" approach to risk-sharing, whereby parties to a construction contract are responsible for their own negligent acts. The new law directs that one party to a construction contract cannot require another party to indemnify him for acts of negligence.

A construction contract may stipulate that the second party (prime contractor) "indemnify, insure or hold harmless" the first party (owner) for the second party's negligent acts which cause losses, damages liabilities or costs, to the extent they are caused by the second party. The bill also allows the first party (owner) to require the second party (prime contractor) to indemnify the first party for a third party's (subcontractor's) negligent acts.

The law also identifies certain types of permissible insurance policies that protect an owner or a general contractor. Specifically, a project-specific insurance policy such as an owner's and contractor's protective policy, a project management protective liability policy, or a builder's risks policy are allowable. The new law is effective July 1, 2003 and applies to all construction contracts entered or renewed on or after that date.

To obtain copies of either HB 438 or HB 482, they can be accessed over the web at <http://laws.leg.state.mt.us>

HB 438 contains strict provisions stipulating when a general contractor or a subcontractor may suspend work or terminate a construction contract.

The Warning Signs of Career Disaster

Many of us experience recurring dreams. Mine is that I'm driving down the freeway and I can't read the road signs until I'm right up close. By then it's too late: I've missed an important exit. Fortunately, it's just a dream. I wake up and all is fine. Unfortunately, many people have trouble reading signs—not road signs, but career warning signs.

A career warning sign is any change that indicates possible career disaster that could result in finding ones place in the unemployment line. While warning signs may vary according to employment situations, there are four basic warning signs that apply in most employment scenarios.

Warning Sign #1: Your industry is experiencing a down turn. Telecommunications is a perfect example. A few years back telecom was one of the fastest growing industries. Recruiters worked day and night to fill telecom positions at all levels. The first negative indicator was unmet earnings expectations. Those who paid attention left the industry. Persons who practice career management watch the growth trends within their industry and know to leave ahead of the crowd.

Warning Sign #2: Sales are down in your company. While not everyone within an organization is involved with sales, sales levels affect all jobs. When revenues decrease, profits are held steady by cutting costs, which often means cutting jobs. Persons can protect themselves by paying attention to sales levels within their organization.

While not all employees are privy to sales numbers, there are ways of finding pertinent financial information. Public companies must publish financial statements. It pays to take the time to study these documents to uncover your company's basic financial status.

Employees of non-public companies, even without the benefit of public financial information, can also read the signs of declining sales:

- * Work load decline.
- * *The boss suddenly seems concerned over small costs, like office pens, copier paper etc.*
- * The Sales Manager was just fired.
- * The Sales department is going through reorganization.

Alert employees are sensitive to such indicators. They keep their resume updated at all times and cultivate a growing professional network for potential future job leads.

Warning Sign #3: Management changes. Any management change has the potential of damaging your corporate position. Be watchful during:

- * Mergers and acquisitions.
- * String of short-term management tenure (i.e. three bosses in two years.)
- * Retirement or replacement of Sr. Management.

Wise employees listen closely to new-management rhetoric. How dramatic are his/her promises to shareholders? What's the new boss' track record? Does he/she have a reputation as a reactionary, axe-swinging job cutter, or as a strategic long-term planner who views employee reduction as a last resort? The first announcement of new management is the time to cautiously explore outside options.

Warning Sign #4: You've lost favor with your boss. While "gut feelings" often are the first warning, some objective indications are:

- * A less-than-exemplary performance review.
- * No performance-based salary increase.
- * Your year-end bonus was much smaller than expected.
- * Your input is not requested at planning meetings.
- * Your suggestions are ignored.

If you sense your position on the corporate totem pole is falling, trust your gut. When jobs are at stake, yours will be one of the first sacrificed.

These warning signs may seem obvious, but are often sadly ignored by those who fear change. Rather than take action, they lean on false hope that loyalty to the employer will pay off in the end. Those who practice career management never confuse company loyalty with aversion to change. When career-warning signs appear on the horizon, pick up your binoculars and read the signs clearly so that you're ready for the next appropriate exit.

Deborah Walker, CCMC
Deb@CareerShoppingBag.com
Nation's top Resume Writers & Career Coaches
Online Resume Distribution

New SF 330 to Replace SF 254/255 A/E Qualification Forms

GCI has confirmed the final requirements for the SF 330—the consolidated form that will replace the SF 254 and 255 Architect/Engineers Qualification forms. What's in and what's out?

Current Section 9—Out
30 Example Projects—Out
Project Pictures—Out
Fee Disclosure—Out
Page Numbers—Out
Required Organization Charts—In
Section G—In
Expanded Project Descriptions—In

New profile codes will have exactly the same descriptions as the old codes to facilitate conversion from one code to another. Additional functions will be added, but contractors will have the option of using the previously assigned function if they choose.

When the new form comes out in May 2003, contractors will be required to comply within 6 months, says Don Evick, US Army Corps of Engineers. A drop-dead date will be developed.

A career warning sign is any change that indicates possible career disaster that could result in finding ones place in the unemployment line.

GCI has confirmed the final requirements for the SF 330—the consolidated form that will replace the SF 254 and 255 Architect/Engineers Qualification forms.

Two Inducted into Professional Engineers Hall of Fame

Doug Brekke, PE, President Elect

John H. Morrison, P.E. of Helena and Ben F. Hurlbut, P.E. of Billings are the inaugural inductees into the Montana Professional Engineers Hall of Fame. Plaques honoring them will be hosted at the Montana State University College of Engineering in Bozeman.

The Montana Professional Engineers Hall of Fame is sponsored by the Montana Society of Engineers to honor Montana engineers who made significant contributions to the development of Montana and the engineering profession.

John H. Morrison graduated from Montana State College (now MSU in Bozeman) in 1927 with a bachelor's degree in civil engineering. He was the chief bridge designer for the Montana Department of Transportation (1939-1945) and founded Morrison-Maierle, Inc. in 1945. Morrison worked on many of Montana's early water and wastewater treatment systems, including projects in Hamilton, Cut Bank, Columbia Falls, Billings, Bozeman and Kalispell. Other projects included the design of the Kooconusa Bridge near Libby (1972), seismic renovation of the Montana State Capitol (1963), and the Wolf Creek Canyon section of Interstate Highway 15 north of Helena (1966).

Morrison worked for legislation that created the Montana Board of Professional Engineers and Land Surveyors in 1947 and served as the board's first chairman. He holds Montana Professional Engineer license No. 1ES. He has further promoted engineering professionalism through active membership in several professional societies. Morrison recently celebrated his 100th birthday with family and friends in Helena. For his lifetime of commitment to the highest professional standards, the Montana Society of Engineers honors him as an inaugural member of the Montana Professional Engineers Hall of Fame.

Ben F. Hurlbut graduated from MSC in 1949 with a bachelor's degree in civil engineering. He founded HKM, Inc. in 1970. Hurlbut was the structural engineer for private and public buildings throughout Montana, including Billings West High School, Bozeman Senior High School, C.M Russell High School in Great Falls and schools in Livingston, Glendive, Miles City, Broadus, Red Lodge, Polson, and Missoula. He was the structural engineer for Brick Breeden Fieldhouse at MSU-Bozeman. At the time of its construction in 1956, the Fieldhouse was the largest clear-span, timber-frame dome in the world.

Hurlbut was a national director and co-founder of the Montana chapter of the American Council of Engineering Companies. He served on the Technical Review Board for the American Institute of Timber Construction and has been an active member of several other professional societies. For his lifetime of commitment to the highest professional standards, the Montana Society of Engineers honors him as an inaugural member of the Montana Professional Engineers Hall of Fame.

See the insert in this newsletter to make your nomination for 2003.

The Montana Professional Engineers Hall of Fame is sponsored by the Montana Society of Engineers to honor Montana engineers who made significant contributions to the development of Montana and the engineering profession.

POSITION OPENINGS:

RLK—Kuusisto, a multi-disciplinary civil engineering consulting firm has the following openings in our Commercial/Residential Dept. in Minnetonka:

PROFESSIONAL ENGINEER (Civil)

Engineering design and project management of land development projects. Requirements: B.S. in Civil Eng., P.E. license in MN, 8-10 years related civil eng. experience and strong tech. and communication skills.

PROJECT ENGINEER (Civil)

Engineering design work and implementation of a variety of land development projects. Requirements: B.S. in Civil Eng., E.I.T. Cert., 3-5 years of related civil eng. experience and strong tech. and communications skills. CAD experience preferred.

ENGINEERING TECH (Civil)

Designing/drafting of various land development construction plans. Requirements: 2 year technical degree and 3-5 years related civil eng. technician experience. Must have strong tech. skills.

SR. LANDSCAPE ARCHITECT

Site land planning, site landscaping, site zoning, etc. Experience w/ managing and overseeing production plans, project scope/timelines/budgets. Leadership position.

Excellent benefits & competitive salary. Resumes to: RLK-Kuusisto, Ltd., H.R., 6110 Blue Circle Dr., #100, Minnetonka, MN 55343. E-mail: krhodes@rlk-kuusisto.com. Website: www.rlk-kuusisto.com Equal Opportunity Employer

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The Joint Conference is open to anyone. MSE members are encouraged to invite anyone who may be interested to attend. Contact MSU Extended Studies at 406-994-6683 for more information. A registration form and program will be available in August.

Joint Engineers Conference November 13-14 in Helena

Doug Brekke, PE, JEC Chairman

Continuing Education Credits will be offered for participants of the 2003 Joint Engineers Conference to be held at the Red Lion Colonial Hotel in Helena on November 13 and 14. MSE helps sponsor this annual gathering for engineers from all disciplines.

The 2002 Joint Engineers Conference provided 14 hours of Continuing Education for engineers attending both days. Montana State University Extended Studies records attendance and will provide transcripts for PE license renewal. Attendance in 2002 exceeded 200 people.

The Conference offers general sessions of interest to all engineers and technical sessions specific to civil, structural, transportation, mechanical, and electrical engineers. Between sessions, attendees can visit with area vendors and learn about new engineering products and services.

All MSE members are encouraged to attend the MSE board meeting and reception at 9:00 p.m. on Thursday November 13.

02-03 MSE Board

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