2013 Report Card for Missouri’s Infrastructure Released

The 2013 Report Card for Missouri’s Infrastructure was released May 22 at a press conference hosted by the St. Louis Section at Il Monastero Conference Center. Section President Steve Randolph opened the press conference and introduced the program. Chad Schrand, Co-Chair of the Missouri Report Card Committee, gave a brief overview of the 2013 report card and presented the grades for the eleven infrastructure sectors that resulted in the overall grade of C-. Other speakers included Stephen Gregali (Special Assistant to the Mayor of St. Louis) and Timothy Jones (Speaker of the Missouri House of Representatives).

Chad Schrand, Co-Chair of the Missouri Report Card Committee presented the report card.

Section President Steve Randolph opened the news conference with an introduction to the Missouri Report Card and introduced the speakers.

Stephen Gregali, Special Assistant to the Mayor of St. Louis, presented the status of several infrastructure projects in St. Louis.

Timothy Jones, Speaker of the Missouri House of Representatives, gave an overview of recent legislation regarding infrastructure at the State level.
President’s Message

For this month’s message, I thought I’d share with you my opening remarks from our press conference revealing the first-ever Missouri Infrastructure Report Card. Here goes:

Infrastructure is the foundation that connects our State’s businesses, communities and people, driving our economy and improving our quality of life.

For Missouri’s economy to be competitive, we need a first class infrastructure system … transportation systems that move people and goods efficiently and at a reasonable cost by land, water, and air; energy transmission systems that deliver reliable, low-cost power from a wide range of sources; and water systems that drive industrial processes as well as the daily functions in our homes.

Yet today, as you will see by the grades in our State Report Card, our infrastructure systems are failing to keep pace with our current and expanding needs, and investment in infrastructure is faltering.

The American Society of Civil Engineers believes that in the short term we need a commitment to bring existing infrastructure into a state of good repair and in the long term we must modernize and build in a targeted and strategic manner. We suggest three solutions to the problems we face.

First, Missouri’s infrastructure needs BOLD LEADERSHIP AND A COMPELLING VISION.

That vision must originate with strong leadership at all levels of government and the private sector. This means bi-partisan leadership at the federal, state, and local levels of government, by businesses and by individuals … to communicate the importance of our State’s infrastructure, to craft innovative solutions that reflect the diverse needs of our State and to make the investments our systems require.

Second, WE NEED TO PROMOTE SUSTAINABILITY AND RESILIENCE.

It must be an integral part of improving the State’s infrastructure.

As infrastructure is built or rehabilitated, life-cycle cost analysis should be performed for all infrastructure systems. Methods must be applied to meet challenges so that future generations can use and enjoy what we build today.

And finally, we must agree on how to PRIORITIZE AND FUND STRATEGIC NEW INVESTMENTS in infrastructure that position our State for the future.

While infrastructure investment must be increased at all levels, it must also be prioritized and executed according to well-conceived plans that both complement the State’s vision and focus on system-wide outputs.

We must commit today to make our vision of the future a reality — a Missouri infrastructure system that is the source of our prosperity.

FYI, you can check out the grades and read the report card using the link on the Section’s...
website: [http://sections.asce.org/stlouis/index.html](http://sections.asce.org/stlouis/index.html). We also plan to have the press conference on YouTube in the very near future.

I’d also like to thank several people that helped make our press conference a success (in no particular order): Chad Schrand, Paula Grahlherr, Riyadh Hindi, Melanie Rigden and the SLU administration, Beth Quindry and the folks at Shockey Consulting, Representative Tim Jones, John Weiland, Stephen Gregali, Brent Vaughn, Jeff Smith and the staff at ASCE’s State Public Relations Department. (The scary thing about these “thank you” lists is that I worry that I missed somebody. If I did, I apologize).

**Things I Think (When I’m Not Thinking About Engineering)**

- I’m a fan of the Blues but if I had my choice, I’d rather have an NBA team.
- I was driving on Gravois near Jefferson the other day which reminded me of the “suicide” lane. Anybody else remember the suicide lane on Gravois?
- It’s been ten years since my father passed away and I still miss him. With that in mind, I’d like to wish all of our ASCE dads an early “Happy Father’s Day!”

Until next month, Steve.

---

**EWRI St. Louis Chapter Update**

St. Louis EWRI is now seeking nominations for the positions of Chair, Vice-Chair, and Secretary-Treasurer for two-year terms beginning this fall following election of Officers. If you would like to nominate a candidate or are interested yourself, please contact Dave Yates by June 20, 2013 to have your name considered by the Committee. Voting will be done electronically and Officers selected on June 27, 2013.

The St. Louis Chapter of EWRI is planning several events for the next calendar year and is seeking EWRI members who are interested in getting more involved. We will also be sending updates to St. Louis Section members who are have selected EWRI as one of their institutes. Please contact Dave Yates ([Dave.Yates@ch2m.com](mailto:Dave.Yates@ch2m.com)) for more information about the St. Louis Chapter. If you have questions about your membership in any of the institutes please contact ASCE (800-548-2723).

---

**100th Anniversary Planning Committee Volunteer Opportunity**

In October 2014, the St. Louis Section will celebrate its 100th Anniversary as an official ASCE Section. Over the past several months, a group of Past-Presidents have been brainstorming to identify potential ways to celebrate this momentous occasion. Ideas that are being considered include:

- Purchasing billboard displays to commemorate the occasion and/or promote Civil Engineering
- Creating a Walking Tour Brochure of significant civil engineering structures in the Downtown St. Louis area (similar brochures could also be developed in other cities within the Section)
- Publishing a Coffee Table book highlighting all of the Outstanding Engineering Achievement Award Winning Projects and ASCE Historical Landmarks
- Publishing articles in the Newsletter on historical events in the Section’s past
- Re-dedicating the Eads Bridge
- Finding synergy with the City of St. Louis 250th Anniversary Celebration plans
- Building a float that would be entered in parades throughout the year
- Sponsoring engineering programs on PBS such as “Underground St. Louis”
- Hosting a Black-Tie Anniversary Party and inviting dignitaries from throughout the Section

Successful implementation any or all of these ideas will require the teamwork and commitment of more than a few Past Presidents. The volunteer opportunities are numerous and can be tailored to the amount of time the member is able to commit. To get your name on the volunteer list, please contact Jeff Fouse at [jfouse@reitzjens.com](mailto:jfouse@reitzjens.com).
Younger Member Events

Fellow YMGs,

Well, the summer is upon us. We are on summer break until September. We WILL, however, have a summer BBQ I will make sure to inform you about. We have had a very successful year. I have seen a lot of new faces showing up, and our attendance continued to grow. I want to thank you all who have attended a meeting or volunteered for an event we hosted.

There is one summer homework assignment: Sell the Cardinals tickets!

Have a wonderful summer. I hope to see you all September,

Jordan Pettibone, EI
YMG StL Chair

---

Central Region Younger Member Council Fundraiser

St. Louis Cardinals vs. San Diego Padres Tickets

Saturday, July 20, 2013 @ 6:15 PM
Loge Stadium Level Tickets
3rd Base Loge & Right Field Loge Available
(Ticket levels will be sold on a first come, first served basis until sold out.)

TICKETS ARE ONLY $30 EACH

Adult Replica 1940's Red Schoendienst Jersey Night
The first 25,000 fans (ages 16 and up) will receive a replica 1940's Red Schoendienst jersey Saturday evening.

CONTACT MELANTHA NORTON mnorton@stlmsd.com or ALISON GRAVES alison.graves@stlmsd.com to RESERVE YOUR TICKETS TODAY! PAYMENT DUE JUNE 28th

Cash or Checks made out to “ASCE – St. Louis Section” accepted for payment.

ASCE’s YMG THANKS YOU FOR SUPPORTING YOUNG ENGINEERS!
All fundraiser profits will go towards funding the 2014 Central Region Younger Member Council, part of the ASCE Multi Region Leadership Conference (MRLC), to be held in St. Louis, January 10-11, 2014.
Professional Development

New Mississippi River Bridge Tour

Presented as a joint venture by SEAKM and SEI St. Louis

Topic: New Mississippi River Bridge Presentation and Tour (1 PDH)

LIMITED ATTENDANCE! (20 ppl MAX)

Guest Speaker: Jeff Smith, PE
                      HNTB

When: SATURDAY, June 22, 2013
                  9:30 AM – 11:30 AM

Where: Contractor’s Trailer
          4 Brooklyn Street
          St. Louis, MO 63102

Cost: $30 Non-Members
         $15 Members of SEI or SEAKM
         (Enter discount code “Member” in Eventbrite)

Registration: Please register and pay at stlbridgetour.eventbrite.com

Requirements: All attendees must arrive on time and have a hard hat, wrap-around safety glasses, yellow vest, and steel toed work boots. All attendees must be 18 years of age or older. A completed visitor waiver is also required. Contact us (e-mails below) with questions.

Light snacks and beverages will be provided during the 30 minute presentation preceding the tour. More information can be found at the Eventbrite page stlbridgetour.eventbrite.com
You may also contact Stephanie Spann (Stephanie.spann@hok.com) or Katie Pickardt (kpickardt@sscengineering.com) for more information or assistance.
Employment

Larson Engineering

Job Title: Civil Department Leader
Job Location: St. Louis, MO 63042
Job type: Full-Time

Compensation: Larson Engineering offers a competitive salary commensurate with experience, a comprehensive benefits package which includes medical, dental, disability, and life insurance, 401 K plan, paid vacation, and more. Larson Engineering is an Equal Opportunity Employer. Please visit our website at www.larsonengr.com for more information.

Job Summary

As a growing and expanding firm, we are looking for a highly motivated, people oriented civil engineer to develop, lead and build our Civil Engineering Department in St. Louis, MO. The incumbent will undertake client liaison, business development and marketing, and will be responsible for the design and management of civil engineering projects from proposal to completion at this office.

Typical projects within the scope of this position include: Stormwater Management, design and planning for submittal to the Governing Agencies; developing Pavement Maintenance Management Programs; Project expansion/rehabilitation design, construction drawings, technical specifications and project administration; Athletic Facility (running tracks, tennis courts, synthetic turf and ball fields) evaluation, budgeting, design and project administration; and other related tasks.

Job Requirements

Education, training, experience

- 10 + years of civil engineering experience
- BS in Civil Engineering is required
- Registered PE in Missouri and Illinois
- Knowledge in all aspects of Civil Engineering design including: grading, roadway, drainage, stormwater management and utility design
- Proven ability to write proposals, reports, make public presentations and win work
- Knowledge of AutoCAD, Civil 3D and Hydrocad.
Jacobs is hiring!

Jacobs Engineering Group Inc. is one of the world’s largest and most diverse providers of professional technical services.

We currently have the following opportunities available at our St. Louis offices:

**Civil Highway Engineer/Project Manager**-Successfully manage budgets, schedules, and deliverables on design and construction projects up to $5 million dollars in fee. Assist with marketing pursuits, including client meetings and proposal input. BS Civil Engineering, Registered PE required. 15 years civil engineering experience focused on development of roadway plans. Design-build experience a plus. Working knowledge of Microstation and AutoCAD, experience in using roadway and site design software.

**Civil Highway Engineer**—Develop plans, specifications, and provide reports all in accordance with good engineering practice. BS Civil Engineering, Registered PE required. 8-12 years civil engineering experience focused on development of roadway plans. Design-build experience a plus. Working knowledge of Microstation and AutoCAD, experience in using roadway and site design software.

**Structural Engineer**—Participation in transportation and bridge structure teams in all aspects of bridge design to include: type, size, and location studies to final design and construction support services. BS Civil/Structural Engineering required, with MS Structural Engineering preferred. EIT required with PE preferred. 7 years related transportation structural design experience, specifically bridges. Proficiency with a variety of structural engineering analysis and design software.

**Geotechnical Engineer**—Provide technical expertise for a wide variety of challenging projects, including bridges and highways, tunnels, water/wastewater facilities, pavement design, slopes, ground treatment, retaining structures, and excavation support. BS/MS Civil Engineering required with Geotech emphasis, plus a strong background in structural mechanics and engineering. Registered PE required. 10+ years related geotechnical engineering experience. Proficiency with a variety of geotechnical engineering analysis and design software.

To apply on line: [www.jacobs.com/Careers](http://www.jacobs.com/Careers) keyword: St. Louis, MO
Transportation Engineer (St. Louis, MO)

Horner & Shifrin, Inc. is an established St. Louis-based employee-owned engineering firm with offices in Missouri and Illinois providing professional services to public and private clients. Founded in 1933, we are an EEO/AA employer M/F/D/V. Learn more about us at www.HornerShifrin.com. This full-time position is located in our St. Louis, MO office.

Position Requirements/Preferences:
- 5 to 10 years of experience in the design of roadways or highways
- Proficient in the use of Microstation and Geopak
- Knowledge of AutoCAD Civil 3D is a plus
- Ability to produce construction bid documents (plans and specifications)

Benefits Include:
- Medical and Dental Plans
- Life Insurance
- Long and Short-term Disability Coverage
- Long-term care
- Vacation/Holiday/Sick Time
- Employee Stock Ownership Plan
- 401(k) Plan
- Flexible Spending Account
- Flex Time work schedule

Salary will be commensurate with experience and skills. Please include your resume with salary requirements in your reply to this post above.

Visits and phone calls will not be accepted.
To submit items to the newsletter...

Please try to get all announcements for placement in the newsletter to the Newsletter Editor by the 15th of the month prior to publication. Items may be sent via e-mail to Brent Vaughn at bvaughn@siue.edu. MS Word files are the preferred file type. PDF files are also acceptable but may not look as sharp when inserted into the newsletter and hyperlinks might not carry through to the final version. For multiple page announcements, please consider providing a single-page flyer, concisely worded, with links provided to ancillary pages such as registration forms or other attachments. Also, please clearly include in the email subject line a concise title for the announcement and desired month(s) of publication.

Most news items will be available on the Section’s Web Page, which can be reached via the link on ASCE National Website (www.asce.org). Click on “Geographical and International Units” to link to the Section or go directly to our page at: http://sections.asce.org/stlouis/index.html. The Section’s Website Editor is Jeff Smith e-mail: JESmith@HNTB.com or via feedback directly from our website.

For more information and updates see our Web Page: Http://sections.asce.org/stlouis/index.html

This newsletter will be sent to all Section members via e-mail. Delivery of the newsletter hardcopy by First Class mail will be made upon request. Members have the responsibility to keep their contact information in the ASCE national database up to date. Please note that the St. Louis Section is only provided with members’ PRIMARY information on file at the Society level. To ensure that we can contact you, please edit your PRIMARY information to contain the information where you would like the section to contact you and how you would like your information to appear in our annual roster. Please be sure to keep your PRIMARY contact information up-to-date by contacting ASCE at http://www.asce.org, or call 800-548-ASCE (2723).