Items included in this ACEC Missouri Weekly Update are listed below.

- **Legislative News** (ACEC Action Alert Update: Urgent Senate Action Needed on Infrastructure; New Water Resources Development Bill Passes in the House)

- **Industry News** (Get Targeted, Market-Specific Insights with ACEC Private Industry Briefs; MDNR Water Protection Forum Meeting Announcement; Engineering's Place in the Forward March of Technology; Safe Transportation for Every Pedestrian; New RFPs/RFQs on ACEC/MO Website; ACEC Life/Health Trust Loyalty Credit)

- **Notable Events** (Register NOW for ACEC/MO’s Virtual Summer Meeting & Working Committee Session on August 21st; Upcoming ACEC Diversity & Inclusion Webinars; FYI...More Free Webinars; ACEC Coalitions Announce Online Education Summer Series; ACEC Offers New Free Webinar; ACEC to Host Finance, Human Resources & Information Technology Forums; Register for ACEC/MO’s 4th Annual ACEC/PAC Golf Tournament)

- **Member Information & Calendar** (World’s Largest Golf Tournament to Benefit ACEC/PAC; Member Renewals for 2020-21; Calendar of Events; Quote of the Week)

If there is something you would like us to include in the weekly updates, or if you need anything else, please contact the ACEC/MO staff: Bruce Wylie (BruceWylie@acecmo.org) or Dawn Hill (DawnHill@acecmo.org). We would love to hear from you!

### LEGISLATIVE NEWS

**ACEC Action Alert Update: Urgent Senate Action Needed on Infrastructure**

Thank you to those of you who have already contacted your senators in support of major infrastructure legislation. We need to keep up the pressure to urge Senate action in July to support the nation's economic recovery. So far, more than 880 member firm advocates have sent 1,760 messages to 93 Senate offices. That’s just in the first week! If you have not already, please join your colleagues in taking action.

[Click Here to Contact your Senators]

The centerpiece of the agenda in the Senate is bipartisan legislation to reauthorize and expand the nation’s surface transportation programs, with the FAST Act set to expire in September. Other infrastructure initiatives on water, broadband, and additional sectors may be included as well. ACEC is also seeking fiscal relief for state
and local governments hard hit by pandemic response actions. This includes immediate funding to state departments of transportation and transit agencies whose revenues have declined precipitously. This funding backstop will preserve critical services and keep projects from being cancelled or delayed.

This one-two punch will kickstart a long-term economic recovery, but time is of the essence. Use this link to access a sample message, which you can edit with firm-specific information, to contact your senators.

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**New Water Resources Development Bill Passes in the House**

A significant federal infrastructure measure has moved another step forward. On July 29, the House approved a bill authorizing at least $8.6 billion in federal funds for 38 new Army Corps of Engineers construction projects, which includes flood and storm protection, river and port navigation, and environmental restoration improvements.

The 2020 Water Resources Development Act (WRDA) has strong support from the Transportation and Infrastructure Committee leaders and the rank and file from both parties. WRDA will move to the Senate, where a bill that includes Corps project authorizations is one of two water infrastructure measures that the Environment and Public Works Committee cleared unanimously in May.

The Senate version would authorize $5.1 billion in federal funds for 26 Corps of Engineers projects. The water measures have yet to come for a vote on the Senate floor. WRDA however, will take a back seat in the Senate to the debate over a new coronavirus-related relief bill that was introduced on July 27.

The just-passed House WRDA also has some important policy changes. One change would fulfill Transportation and Infrastructure Committee Chairman Peter DeFazio’s mission to free the surplus in the Harbor Maintenance Trust Fund. Another change is an increase in the funding share that comes from the Treasury’s general fund for river lock-and-dam projects from the current 50% to 65%. If a new WRDA becomes law this year, it would continue a 6-year streak of enacting water resources legislation every other year.

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**INDUSTRY NEWS**

Get Targeted, Market-Specific Insights with ACEC Private Industry Briefs

Looking for targeted market insights to give your firm an edge? ACEC's Private Industry Briefs are your source for practical, detailed information on key A/E private-sectors markets.

>> Read the latest issue focused on Q2 2020 Review and Updated Outlook.

For the A/E industry 2020 started off very strong. Firm revenues reached nearly $90B in the fourth quarter of 2019—an all-time high—and that pace continued into March 2020, according to U.S. Census Bureau estimates. Few predicted a global public health crisis, caused by a new coronavirus called COVID-19, would suddenly halt the longest economic expansion on record, and that the resulting decline would be so sharp.

In this issue of ACEC’s Private Industry Briefs we look at the emerging macroeconomic trends during this unprecedented recession, document indicators most relevant to our industry, and review Q2 2020 data and revised market outlooks. Have a question? Contact Erin McLaughlin at emclaughlin@acec.org for answers and assistance.
MDNR Water Protection Forum Meeting Announcement

The next meeting of the MDNR Water Protection Forum will be on **August 12, 2020**, at **10:00 a.m.** The health and safety of all visitors to state office buildings are priority. Due to concerns regarding novel coronavirus, or COVID-19, participants of the meeting will be required to attend via Webex using the link below or via telephone conference at the number below.

**Join with Webex**
Teleconference Call Number: 1-650-479-3207
Webex Meeting Number (Access Code): 133 063 2344
Meeting Password: 33YJfS2tvnX

To review information from previous meetings and learn about agenda items, please refer to the Department website at [https://dnr.mo.gov/env/wpp/cwforum/index.html](https://dnr.mo.gov/env/wpp/cwforum/index.html).

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**Engineering’s Place in the Forward March of Technology**
by Dr. Chris Luebkeman, Leader of the Strategic Foresight Hub, ETH Zurich

Change is constant. We cannot stop it. Some love it. Some hate it. No matter your personal opinion, the rapid pace of technological change is now transforming every industry in our economy; from food delivery to entertainment to shopping and even space travel. The engineering industry is not immune to this and in fact, may be one of the industry’s most fundamentally transformed over the coming years. I will attempt to share a few over-arching thoughts on this.

**Micro-networks.** We're going to see the increase, even expansion, of small, informally organized networks of design professionals who band together intentionally to work with each other.

**Access.** This has always been the key to success in every way. No access, then no opportunity. Now, access to knowledge has become fluid or even democratized. Over the past 25 years, the leading firms in the industry were able to earn their reputation — and rightfully so — because they had their own R&D groups, could develop their own software, and were able to create an internal market for access.

**Relevance.** The growth of the engineering gig economy puts the onus upon the individual engineer to stay relevant because you’re only viable in a marketplace if you’re relevant. That means we now need to keep pace with not only changes in laws and professional norms and standards but perhaps even more to keep pace with technology. [.....]

To read the complete article in Medium.com, click [here](https://medium.com).
• Road Diets can reduce vehicle speeds and the number of lanes pedestrians cross, and they can create space to add new pedestrian facilities.
• Pedestrian hybrid beacons (PHBs) are a beneficial intermediate option between RRFBs and a full pedestrian signal. They provide positive stop control in areas without the high pedestrian traffic volumes that typically warrant signal installation.
• Pedestrian refuge islands allow pedestrians a safe place to stop at the midpoint of the roadway before crossing the remaining distance. This is particularly helpful for older pedestrians or others with limited mobility.
• Raised crosswalks can reduce vehicle speeds.
• Crosswalk visibility enhancements, such as crosswalk lighting and enhanced signing and marking, help drivers detect pedestrian—particularly at night.
• Rectangular Rapid Flashing Beacons (RRFB) are active (user-actuated) or passive (automated detection) amber LEDs that use an irregular flash pattern at mid-block or uncontrolled crossing locations. They significantly increase driver yielding behavior.
• Leading Pedestrian Intervals (LPIs) at signalized intersections allow pedestrians to walk, usually 3 to 4 seconds, before vehicles get a green signal to turn left or right. The LPI increases visibility, reduces conflicts and improves yielding to pedestrians.

Benefits:
• Improved Safety. Countermeasures are available that offer proven solutions for reducing pedestrian crashes.
• Targeted Investment. By focusing on uncontrolled or signalized intersections, agencies can address a significant national pedestrian safety problem.
• Enhanced Quality of Life. Improving crossing opportunities boosts quality of life for pedestrians of all ages and abilities.

State of the Practice:
Road Diets, Pedestrian Refuge Islands, Pedestrian Hybrid Beacons (PHB), and Leading Pedestrian Intervals (LPI) are all considered Proven Safety Countermeasures by the Federal Highway Administration (FHWA). Crosswalk Visibility Enhancements (lighting and pavement markings) and Raised Crosswalks are promoted through FHWA's PEDSAFE.

New RFPs/RFQs on ACEC/MO Website

The ACEC/MO website has been updated to include new RFPs/RFQs we recently received from the Missouri Department of Transportation (MoDOT) and Rock Island Trail. To see the all new RFPs/RFQs we posted, please go to our website. We update this page on our website as soon as we receive new information to post so please check it often for new RFPs/RFQs.

ACEC Life/Health Trust Loyalty Credit

The ACEC Life/Health Trust (Trust) is crediting back over $10 million nationwide to firms in a Trust medical plan. To support member firms during these tough times, the Trust is giving back a percentage of each firm’s premium – automatically credited to their August 2020 invoice. Also, any firm that joins on or before August 1st, will receive 20% off their first month's medical premium as part of the ACEC Life/Health Trust Loyalty Credit.

For 55 years, it’s been their mission to support the physical and financial health of member firms. As firms focus on business objectives throughout the pandemic and resulting lockdowns, the Trust is grateful to be able to partner with firms in any way they can. To learn more, go to ACECLifeHealthTrust.com/Loyalty.
Register NOW for ACEC/MO's Virtual Summer Meeting & Working Committee Session on August 21st

Last week we notified members that we made the decision to have the ACEC/MO Summer Meeting & Working Committee Session on Friday, August 21st as a virtual meeting. Below is the meeting schedule and all the meetings will be held as Zoom Meetings. The complete details to login for each meeting is available on our website. Member representatives are invited to attend all the meetings and don’t have to be on a committee to attend the meeting. For more details or to register for our Virtual Summer Meeting, click here. We hope you can join us on August 21st!

SCHEDULE OF EVENTS:

8:30 AM - 9:30 AM  
Business Practices Committee Meeting  
Diversity Committee Meeting  
Engineering Excellence Committee Meeting  

9:40 AM - 10:40 AM  
Environmental Committee Meeting  
Governmental Affairs Committee Meeting  

10:50 AM - 12:15 PM  
Transportation Committee Meeting  

1:45 PM - 3:30 PM  
Board of Directors / Membership Meeting (all members are encouraged to attend)  

Upcoming ACEC Diversity & Inclusion Webinars

Diversity and Inclusion has been in our hearts and minds for many years. As company owners we are looking for ideas to be better champions for inclusion within our industry and within our offices; and to build relationships with and provide opportunities for people who are outside our social, educational or industry “network”. ACEC National recently announced a series of webinars to keep the conversation going. Please join us as we challenge each other to reach out and do more to promote diversity and inclusion in our regions. Also, ACEC will be announcing soon a new Diversity & Inclusion website. Be looking for information coming out soon on that website.

August 12 @12:30 PM  
Diversity & Inclusion Keys to Success: DPCs Playbook on ACEC Firm’s Best Practices  
https://education.acec.org/diweb/catalog/item?id=5280274  
Speakers: Doug McKeown, CEO, Chair, Woodard & Curran; Lisa Robert, Exec VP, R&SH; and Mike Carragher, CEO, VHB

August 25 @12:30 PM  
Unconscious Bias: Best Practices for Managing and Hiring  
https://education.acec.org/diweb/catalog/item?id=5796913  
Speaker: Chandra Storrusten, CEO & Chief Value Creation Officer, Visible Value

FYI...More Free Webinars

Below is a list of upcoming FREE webinars provided by other companies. Click on the links below for more information and to register for the webinars.
Weekly Negotiation Tribe Q&A
Date/Time: July 31 at 1:00 PM (Every Other Friday)
Date/Time: August 6 at 12:00 PM (Every Other Thursday)
The Negotiation Tribe is a community of diverse professionals. What do we have in common? We negotiate. We think a peaceful settlement with mutual consent is just what everyone needs! We value negotiation, not as a gimmick or tactic, but as a craft. Join Dan Oblinger and Allan Tsang for a live Zoom-delivered Negotiator Q&A.

ENR Owning Capital Projects: Your Upgraded View from 10,000 Feet
Date/Time: Wednesday, August 12, 2020 at 1:00 PM
ENR Engineering News-Record
It's been said that an owner typically has a 10,000-foot view of their capital projects, seeing things only at a high level with minimal, if any, detail. Often though, this is not by choice but rather a byproduct of simply doing things the way they've always been done. But with advancements in today's cloud-based capital project software, the view from above has greatly improved, giving owners more control than ever before. In this webinar, you'll learn what it's like to be part of the club and gain real control as a true project stakeholder; gain a better view by navigating the digital landscape for clearer project statuses; take the jet through a modernized, secure data flow for almost instant communication; grab the controls by unpacking quantities and work packages via a single source of truth; and switch to auto pilot when you need to, viewing project details how and when you want.

Improve Quality During Project Execution
Date/Time: Wednesday, August 19, 2020 at 1:00 PM
ENR Webinar
As projects grow larger and more complex, the number of things that can potentially go wrong increase, as do the consequences and complexities in project execution. These projects include a wide range of stakeholders with specific expertise, such as clients, contractors, and suppliers - all contributing information that requires reviews, approvals, and clarifications. Ensuring that the right data is accessible to all parties involved in a project can aid in the quality, cost, and overall project execution. Hexagon PPM introduces Project Collaboration: a web-based, role/rules-driven, data-centric collaboration solution that can be accessed from any place by multiple parties while controlling the privacy of information and managing all project information. Can't attend live? Register to view the webinar on-demand!

Remote Generator Plants: Keeping Class in Session
Date/Time: Wednesday, August 19, 2020 at 1:00 pm CST
Earn 1 PDH for attending the session.
WSP USA
Redundancy is a vital aspect to consider when evaluating system infrastructure on a medical campus with critical care facilities. A detailed phasing plan and sequence of operations can be key to a successful project. In this presentation, we'll examine the importance of these factors through a recently completed central emergency power plant (CEPP) project on the campus of Virginia Commonwealth University (VCU). Speakers include Sean Hu, Vice President, and David Wright, Senior Vice President, both from WSP USA.

LinkedIn Offers Free Courses in Diversity and Inclusion
Learn about the challenges and opportunities inherent in working in diverse organizations. This transformative learning path reviews current thinking and best practices on essential topics such as bias in all of its forms, cultural competence, communication, allyship, and accountability.
ACEC Coalitions Announce Online Education Summer Series

The ACEC Coalitions will host a series of online sessions of a variety of top-of-mind issues on August 6-7, 2020. ACEC's advocacy team will provide a Capitol Hill update. Virtual roundtables will address project delivery, digital signature, 3D design, and more. Industry experts will lead breakout session on risk management, BIM 360 usage, and contract language. The sessions will run from 1:00 to 3:30 pm ET on August 6 and from 11:00 am to 2:15 pm ET on August 7.

To register for the program, click here. Registration is free for Coalition members. For more information, contact Heather Talbert at 202.682.4377 or htalbert@acec.org.

ACEC Offers New Free Webinar

ACEC has set up another new complimentary webinar for members to attend. Information and a link to register for the webinar is listed below.

Blind Spots, Biases & the Bottom-Line: Leadership Development Evolution That Drives Results will be held on Tuesday, August 25th, 1:30-2:30 pm (Eastern). Join us for a timely session that will provide you with action-oriented best practices you can implement immediately to help your organization: discover how diversity of experience and ideas improves project and firm performance; overcome blind spots and biases by inspiring different behaviors and changing organizational practices; and evolve your leadership development to foster lasting positive change to your culture...and your bottom line.

ACEC to Host Finance, Human Resources & Information Technology Forums

ACEC is hosting multiple forums scheduled for September 14-15, 2020 at The Westin Riverwalk, San Antonio, Texas. The Finance, Human Resources, and Information Technology Forums are all two-day workshops and each forum carries 10 PDHs. The programs go from 8:30 am to 5:00 pm on September 14 and from 8:30 am to 4:00 pm on September 15. Click on the links below for more details on each forum and to register.

ACEC Finance Forum: Register now for the ACEC Finance Forum - Two days of peer-to-peer learning, open discussion, problem-solving, and networking with your fellow finance professionals. Act fast - Early bird registration ends 7/31: REGISTER.

ACEC Human Resources Forum: Register now for the ACEC HR Forum - Two days of open discussion, problem-solving, and networking with your fellow HR professionals. Act fast - Early bird registration ends 7/31: REGISTER.
ACEC Information Technology Forum: Register now for the ACEC IT Forum - Two days of peer-to-peer information sharing, open discussion, problem-solving, and networking with your fellow IT professionals. Act fast - Early bird registration ends 7/31: **REGISTER**.

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Register for ACEC/MO’s 4th Annual ACEC/PAC Golf Tournament

Register for ACEC/MO’s 4th Annual ACEC/PAC Golf Tournament to be held on **Monday, October 19, 2020** at the **Columbia Country Club**, 2210 N Country Club Drive, Columbia, MO 65201. Registration will begin at 10:00 a.m.; lunch will begin at 11:00 a.m.; and a shotgun start will be at 12:00 p.m. There will be a small reception and awards to conclude the day. The cost is **$200** per person and includes green fees, cart, golf balls, prizes, refreshments, luncheon, and a reception. **Only credit card payments or personal checks payable to ACEC/PAC are accepted for golf.** To register for the golf tournament, click on the **Register Now for ACEC/MO Golf Tournament for ACEC/PAC** link below and information is also available on our [website](#).

Corporate sponsors are needed to help cover the costs for golf, lunch, prizes, and other miscellaneous expenses. The sponsorship levels include: Platinum - $1,000; Gold - $750; Silver - $500; and Beverage Cart - $250. We will list all the sponsors on our website, in social media, and in our Weekly Updates. For more information on being a sponsor, please click on the [Download Sponsor Info for ACEC/PAC Golf Tournament](#) link below or go to our [website](#).

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MEMBER INFORMATION & CALENDAR

World's Largest Golf Tournament to Benefit ACEC/PAC

Join in--no matter where you are! How? It's simple! Grab a few colleagues and head out to your favorite course! Make a donation to the PAC and send in your scores. We'll host an awards night in September to give out prizes! *(All ACEC/PAC contributions will go towards meeting our goal for the national PAC.)*

**Sign up here to host a team!**

**See all of the details here!**

Federal election law requires political committees to use best efforts to report the name, mailing address, occupation, and name of employer of individuals whose contributions exceed $200 during an election cycle. An individual may not contribute more than a total of $5000 per election to the committee. Federal law prohibits contributions to the committee from the general treasury funds of a corporation, labor organizations or national banks (including corporate or other business entity credit cards), from any person contributing another's funds, from a Federal government contractor, or from a foreign national who lacks permanent resident status. Contributions are not deductible for Federal income tax purposes.
Member Renewals for 2020-21

Thank you to the following member and associate member firms that have renewed since we sent our dues billing out in July. Thank you for your recent membership renewal and your investment in ACEC/MO for the 2020-21 year. Your support allows us to remain committed to you as the business voice of the engineering industry.

MEMBER FIRMS:

ASSOCIATE MEMBERS:
Missouri Asphalt Pavement Association

Calendar of Events

August 17-18 -- ACEC/MO Future Leaders Academy - virtual
August 21 -- ACEC/MO Summer Meeting - virtual
September 1-2 -- ACEC/MO Future Leaders Academy - virtual
October 14 -- ACEC/MO EEA Project Entry Deadline
October 19 -- ACEC/MO 4th Annual ACEC/PAC Golf Tournament, Columbia
October 28-31 -- ACEC Fall Conference, San Diego, CA
November 4 -- ACEC/MO EEA Judging
November 13 -- ACEC/MO Fall Meeting, Columbia

Newly added events are italicized. To see a complete calendar of events, go to ACEC/MO's website.

Quote of the Week

"If Better is Possible, Good is Not Enough." -- Benjamin Franklin

ACEC Missouri | 573-634-4080 | DawnHill@acecmo.org