

THE ARIZONA CIVIL ENGINEER

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Job Openings

Signal System Specialist I
City of Phoenix

For more information visit the [Job Bank](#).



A Message from the President

**Breanna Connolly, PE, M.ASCE,
ASCE AZ**

A lot has changed in the past few weeks with the COVID-19 virus spreading. Many of us are now working from home and seeing friends and family less. The governor has issued a stay at home order until April 30 indicating this will be the new norm for awhile.

While we may not be able to connect in person, it is a great time to reach out to people through phone calls, text messages, emails and online. I've been seeing many ASCE members connecting through [ASCE Collaborate](#). They've recently held a resume review workshop and are currently exchanging tips on working from home and good Engineering books to read.

ASCE is also providing many resources to help you through these uncertain times including hosting a series of FREE virtual round tables. These will feature a panel of civil engineering leaders to share insights and answer questions on a variety of topics every Thursday at 3 p.m. (ET) throughout April.

You can sign up online here:

<https://collaborate.asce.org/careerbydesign/events>

A variety of other ASCE resources specific to COVID-19 can be found here:

More tips on resume writing and other career advice can be found here:

<https://collaborate.asce.org/careerbydesign/resources>

While much has changed, some things will always stay the same. We are always looking for ASCE members who want to be more involved. We are currently looking for members interested in joining the ASCE AZ Section Board for the next year. Subject to a member election, terms start in October. Currently open for election are: Secretary and Vice President. If you are interested in getting more out of your membership by being more involved or would like more information on these positions, please contact me or [Ted Smithwick](#) (current Past President).

Stay safe everyone and don't forget to check in on your friends and family!

Phoenix Branch News and Updates

Recap of March Luncheon

At the March 11 luncheon, the Branch presented several awards:

Government Civil Engineer of the Year – Thomas Loomis, PE. Thomas is a long-time employee of the Flood Control District of Maricopa County.



Thomas Loomis

Small Project of the Year – Arizona Water Company (AWC) Pinal Valley Recharge and Recovery Facility. Key project team members included: Project Owner – AWC; Design Engineer – Carollo Engineers Inc. in association with Clear Creek Associates; Contractor - Hunter Contracting.



L-R Mayor Jon Thompson (City of Coolidge), Fred Schneider (AWC), Richard Hacker (AWC), Don Hanson (Clear Creek), Rob Buss (Carollo), Andrew Ortiz (Hunter), Jim Brost (Hunter)

Large Project of the Year – Arizona Water Company Santiago Trail Nitrate Removal

Facility, Booster Pump Station, and Water Storage Tank. Key project team members included: Project Owner – AWC; Design Engineer – Dibble Engineering with GHD; Contractor – Fann Environmental.



L-R Fred Schneider (AWC), Richard Hacker (AWC), Mike Young (Fann), Jake Nelson (Dibble), Ezra Page (Dibble), Frederick Tack (GHD)

Richard Hacker, PE, Project Manager, AWC, and Robert Buss, PE, Project Manager, Carollo Engineers, provided a brief presentation on the Pinal Valley Recharge and Recovery Facility project. The project located in Coolidge, includes a gravity turnout located at the Central Arizona Project (CAP) canal with a build-out capacity of 10,880 acre-feet per year, 30-inch diameter raw water transmission pipeline, and 8+ acres of recharge basin. Extensive permitting was required. The \$7.5 million project was completed in December 2019 and is the first CAP surface water recharge facility in Pinal County.



L-R Richard Hacker, Rob Buss



Pinal Valley Recharge and Recovery Facility Under Construction

Jake Nelson, PE, Project Manager, Dibble Engineering; Richard Hacker, PE, Project Manager, AWC; and Frederick Tack, PE, Project Manager, GHD, provided an overview of the Santiago Trail Nitrate Removal Facility, Booster Pump Station, and Water Storage Tank project. The project located in Casa Grande, includes a 3,000 gpm nitrate removal facility, 2 MG water storage tank, and 15.1 MGD booster pump station. The \$17 million project was delivered using Design-Build with construction

completed in December 2019.



L-R Richard Hacker, Jake Nelson



Frederick Tack

Seventy-one attended the luncheon.

April Luncheon: Cancelled

Phoenix Branch Sustainability Presentation

The Phoenix Branch Board is developing an approximate 1/2 day of presentations on Life-Cycle Analysis for Sustainability: Triple Bottom Line Accounting, and Engineering for a Sustainable Future. The presentations are scheduled for August 27 at the Maricopa County Department of Transportation offices. Sustainability Chair Michael Naber is leading this effort. More details forthcoming.

Southern Arizona Branch - What's Happening?

Matt Flores, PE, M.ASCE, Vice President, Southern Arizona Branch

MATHCOUNTS Benefit Golf Tournament: Postponement

Similar to other group events, the Mathcounts Board has elected to postpone the 35th Annual 2020 MATHCOUNTS Southern Arizona Golf Tournament. During this unprecedented time, this decision was made with the best intentions for everyone's safety and health.

The good news is that we already have a new date for the tournament later this year, pending any further restrictions from COVID-19. The new date for the tournament is **Friday, October 16th and will remain at Dell Urich Golf Course**. The course will have just been reseeded, so it will be newly green and ready for carts on the fairways again.

We truly appreciate your support of the 35th Annual MATHCOUNTS Golf Tournament where 100% of the proceeds will fund the MATHCOUNTS Southern Arizona Chapter Competition in February 2021 and University of Arizona Civil Engineering scholarships.

Thank you again and feel free to contact [Matt Flores](#) with any questions or comments.

Save the Date!!

MATHCOUNTS®

BENEFIT GOLF TOURNAMENT



TITLE SPONSOR:



**OCTOBER 16TH, 2020
DELL URICH
GOLF COURSE**

Tournament Information

Time and Place:

Dell Ulrich Golf Course

600 S Alvernon Way, Tucson, AZ 85711

[Get Driving Directions](#)

11:00 am Registration

11:45 am "Mob" Putting Challenge

12:00 pm Shotgun Start

4:30 pm Post-Game Reception



Entry Fees Includes:

- Lunch, Green Fees, Golf Cart, Range Balls
- "Mob" Putting Challenge - \$500 Cash Pot
- Hole-In-One to win a 2020 GMC Terrain

Reception Includes:

- Cocktails
- Hors d'oeuvres
- Raffle Prizes (Arizona Basketball and More!)

Volunteer

Register Here

Phoenix Branch YMF News

Andrew Moreno, PE, M.ASCE, President, Phoenix Branch YMF

Phx Branch YMF Update - March and April Events

Hello YMF Members,

In light of the current precautions being recommended by the State of Arizona and CDC, the Phoenix Branch YMF Board has elected to postpone all YMF events through the end of April. We will continue to monitor the recommendations issued by medical professionals and continue to put our members safety and health first.

Thank you for your understanding. I hope to see all of you when we are able to return to our regularly scheduled career building events.

Andrew Moreno
YMF President

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Information published in the newsletter must be consistent with ASCE Arizona Section Board policy.

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