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## THE ARIZONA CIVIL ENGINEER

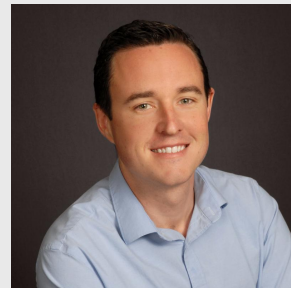
Volume 94 Issue 2 - November 2018

### A Message From the President

Ted Smithwick PE, CPM, M.ASCE, President, ASCE Arizona

#### The Station

I have this short story by Robert Hastings hanging on the wall in my office. I regularly struggle with questioning yesterday and wondering about tomorrow. Part of the short story reads, "But uppermost in our minds is the final destination. On a certain day at a certain hour we will pull into the station. Bands will be playing and flags waving. Once we get there so many wonderful dreams will come true and the pieces of our lives will fit together like a complete jigsaw puzzle."



"Sooner or later we must realize there is no station, no one place to arrive at once and for all. The true joy of life is the trip."

You can read the whole short story [here](#).

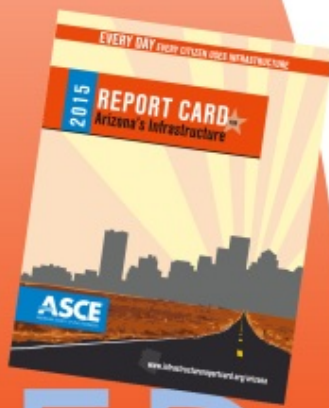
In this newsletter you'll find information about a very exciting event at the Grand Canyon in February. This is truly a unique event.

We're also updating the Arizona Infrastructure Report Card and [need your help](#). Please see the flyer below for more info.

We have lots of exciting events and activities herein, including several holiday parties that will allow us to catch up with our fellow engineers. I hope you'll join me!

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WE  
NEED  
VOLUNTEERS!



We are updating our AZ infrastructure report card and need volunteers to help update it. Engineers of all backgrounds including transportation, water/wastewater, levees, rail, transit, aviation, bridges are needed for this project.

The commitment level is relatively low – 2 to 4 hours per month!

**Time frame:** Begins around January 2019 and should end within 10-12 months.

Interested engineers should contact:

Jose Aguilar, PE  
[jose.aguilar@psomas.com](mailto:jose.aguilar@psomas.com)

## Upcoming Events

### November

Northern Arizona Branch Luncheon, November 8, 2018

Yuma Branch Luncheon, November 13, 2018

Phoenix Branch Luncheon, November 14, 2018

Southern Arizona Branch Luncheon, November 14, 2018

SAB YMF Bowling Social, November 16, 2018

### December

SAB YMF Luminaria Nights, December 1, 2018

[For more information visit the ASCE Arizona Calendar](#)



Grand Canyon Historical Society

## ASCE membership event: FIFTH GRAND CANYON HISTORY SYMPOSIUM and KAIBAB TRAIL BRIDGE DEDICATION

**WHAT:** Dedication ceremony for the Kaibab Trail Suspension Bridge in Grand Canyon National Park as a National Historic Civil Engineering Landmark. The bridge carries foot and mule traffic over the Colorado River at the bottom of the Grand Canyon.

**WHEN and WHERE:**  
Saturday, February 23, 2019

1:30 p.m. at Shrine of the Ages in Grand Canyon Village on Grand Canyon South Rim.

3 p.m. at Yavapai Geology Museum, Grand Canyon Village on Grand Canyon South Rim. The events will be held in conjunction with the Fifth Grand Canyon History Symposium.

**WHO:** ASCE leaders from the national level and the Arizona Section, any interested ASCE member, representatives of Grand Canyon National Park, leaders of the Grand Canyon Historical Society and History Symposium attendees are welcome at the 1:30 p.m. event. The general public is welcome to attend the 3:00 p.m. dedication ceremony.

### ADDITIONAL DETAILS:

**1:30 p.m.** Shrine of the Ages presentation entitled "Kaibab Trail Suspension Bridge: A National Historic Civil Engineering Landmark." Presented by Jonathan Upchurch, P.E. He will describe the history and significance of the bridge.

**3 p.m.** Dedication Ceremony at Yavapai Geology Museum. This event will include unveiling of the landmark plaque and remarks by the Grand Canyon National Park Superintendent and various dignitaries from ASCE. If weather is inclement, the dedication ceremony will be held as part of the 1:30 event in Shrine of the Ages.



The Grand Canyon History Symposium will begin on the evening of Wednesday, February 20, 2019 and conclude on Saturday evening, February 23. Any ASCE member is welcome to attend the 1:30 p.m. and

3:00 p.m. events on February 23 at no cost and without registering for the Symposium. Members of ASCE who have an interest in Grand Canyon history will be welcome to register (\$75) for the History Symposium and attend any of the other events taking place Wednesday evening through Saturday evening. Titles of presentations are available at: <http://www.grandcanyonhistory.org/2019-symposium.html>

Additional History Symposium program information will be coming later. An opportunity to register will be made available to ASCE members in early December.

## Phoenix Branch News and Notes

Stephanie Templeton, PE, Phoenix Branch Vice-President

### Recap of October Luncheon

At the October 10 Branch luncheon, David Martin, President of Arizona Chapter Associated General Contractors of America and Tony Bradley, President & CEO of Arizona Trucking Association provided thoughts and answers to many of the questions we have on transportation legislation here in Arizona. Some topics discussed were funding shortfalls, legislation to prevent sweeping HURF funds,



vehicle license tax, and challenges with the City of Phoenix light rail.



*David Martin*



*Tony Bradley*

## November Luncheon: Co-hosted ASCE and APWA

### Potential Implications of Autonomous Vehicles on Travel Demand

**Date:** November 14, 2018

**Location:** Arizona Country Club, 5668 E Orange Blossom Ln, Phoenix, AZ 85018

**Time:** 11:30AM - 1:00PM

**Speakers:** Ram M Pendvala, PhD, Professor of Transportation Systems, ASU

For more information contact [Laura Spencer](#).

Advanced Registration Required.

## December Holiday Party

Be on the look-out for information regarding our holiday party in December!

For more information contact Stephanie Templeton at 602.553.8817.

Advanced registration required.

## Civil Engineering High School Club

The Phoenix Branch is again sponsoring a team from Hamilton High School (Chandler) in a Civil Engineering club. Last year the group participated in the project they worked on for the Stockholm Junior Water Prize (SJWP) competition. Their project involved looking at brine disposal associated with reverse osmosis water treatment technology.

If you are interested in finding out more about this effort and/or would like to help starting this Fall, please contact Phoenix Branch Outreach chair, [Kent Lall](#).

## Leadership Opportunities in the Phoenix Branch

The Branch leadership team currently has two openings – Membership Chair and Social Media Chair. The anticipated time commitment is approximately three hours per month. If you are interested, contact President [Laura Spencer](#).

# What's Happening in Southern Arizona?

## November Community Service



The November Community Outreach will be accepting donations of Fleece Throw Blankets and/or \$25 Gift Cards to Youth on Their Own. For many of the 1,000 students at Youth on Their Own, this will be the only holiday gift they will receive.

If you would like to donate a Fleece Blanket, please bring it to the ASCE Luncheon on November 14th or contact [Deirdre Brosnihan](#) if you can't make the luncheon.

Donations for Gift Cards can be made through the [Luncheon Link](#) (P.S. You don't have to register to donate).



## November Luncheon

Join us November 14th as Dominic Boccelli, new CAEM Department Head, gives an update on the University of Arizona College of Civil & Architectural Engineering and Mechanics.

Click the [November Luncheon Link](#) to Register today!

We will also be handing out the 2018/2019 Student Scholarships which were made possible by your generous contributions through the Luncheon Raffles and E-Week Banquet.

## Engineer's Week Kick-Off

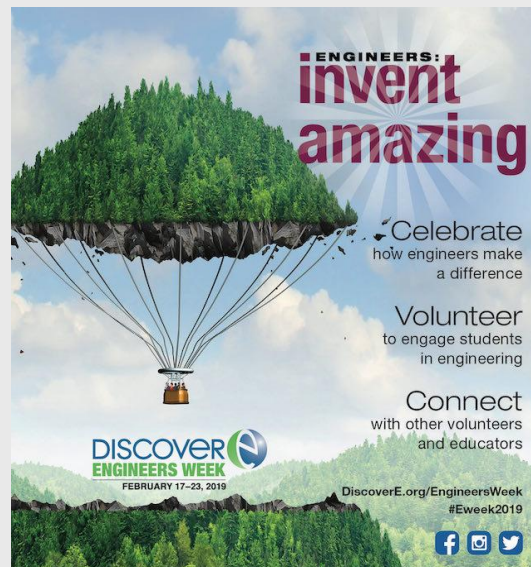
E-Week is a week-long series of events from February 16-23, 2019 promoting and celebrating Engineering.

Engineers Week Activities include:

- *Engineering at the Mall Day*
- *Girl Day*
- *Tech Tour*
- *Engineers Week Banquet*

Kick-off Meeting is scheduled for **November 15th**.

If you are interested in volunteering, contact [Grecia Falcon](#).



Celebrate  
how engineers make  
a difference

Volunteer  
to engage students  
in engineering

Connect  
with other volunteers  
and educators

DISCOVER  
ENGINEERS WEEK  
FEBRUARY 17-23, 2019

DiscoverE.org/EngineersWeek

#Eweek2019

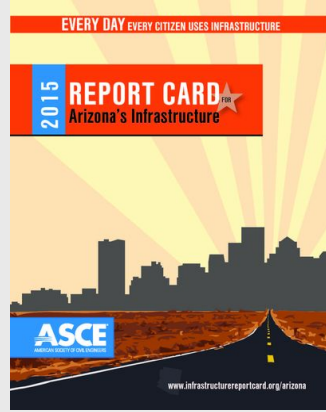


## ASCE Arizona Report Card Update

The ASCE Arizona Report Card Committee is looking for volunteers to produce the 2020 report card.

There will be a kick-off event in January 2019.

Contact [Jose Aguilar](#) if you are interested in being a part of this effort.



## Southern Arizona Branch YMF

Jose Aguilar, PE, President, Southern Arizona Branch YMF

### YMF Paintball Social

On Friday September 28<sup>th</sup>, 2018 the Southern Arizona Branch YMF hosted U of A students and professionals for an intense battle of paintball at the Desert Fox Paintball. Everyone had a blast (pun intended)! It was a great opportunity to network with each other and work together as a team to beat out the opposing team. Thank you to everyone who joined us and we'll see you again next year!



WHAT TIME IS IT?

## YMF BOWLING SOCIAL

November 16th @ 6:30 PM  
Lucky Strike



# Luminaria Nights

VOLUNTEER BY LIGHTING LUMINARIAS

DEC. 1ST, 2018

4:00 PM - 5:30 PM

TUCSON BOTANICAL GARDENS

VOLUNTEERS WILL RECEIVE FREE  
ADMISSION!

**Big Brothers Big Sisters of Tucson NEEDS your support!**

**Help spread the word about the  
150 mentors needed for mentor2.0!**



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

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OF CIVIL ENGINEERS

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