Dear Membership,

As you all may know, ASCE is a not-for-profit organization that uses our membership dues to give back to the members. The ASCE student chapters also receive funds from our dues, which they in turn use to nurture Civil Engineers at the collegiate level.

Our branch, like many others, takes the funding effort to another level in the form of scholarships for outstanding emerging Civil Engineers. While many of our events are intended to break even, the June Awards Banquet and Golf Tournament have been established to raise additional funds that go towards scholarships. We held our awards banquet earlier this summer and are now gearing up for the golf tournament.

On September 18th, we will be holding our 3rd Annual Scholarship Golf Tournament at the Morongo Golf Club in Beaumont, CA. Steve Ledbetter, the tournament organizer and incoming Branch President will be directing his efforts towards a fun and well organized tournament. Our young tournament has gained steam over the past two years, both growing in size and stature. While the actual golfing is an important factor, our goal for this tournament since its inauguration is to provide a great atmosphere for all those in attendance. Our legitimate raffle prizes, sponsored hole events and all around good time ensure the 3rd installment to be another one to remember.

...CONTINUED ON PAGE 4
The Department of Water and Power of the City of Los Angeles and the Metropolitan Water District through engineering work had determined that it would be uneconomical to build any aqueduct from the Colorado River to Southern California without having to use considerable pumping. It was therefore determined that it was imperative to acquire a large block of cheap power if the aqueduct project was to move forward.

The Boulder Project needed to be financed; selling the power produced would become the mechanism. The Secretary of the Interior notified all prospective purchases of power to be generated at Boulder to file applications no later than October 1, 1929. The three principal applicants were: the Department of Water and Power of the City of Los Angeles, the Southern California Edison Company, and The Metropolitan Water District of Southern California. Both the City of Los Angeles and the Southern California Edison Company asked for the entire power output of 3,600,000,000 kilowatt-hours, the firm output assumed to be at that time. MWD requested about one-half of the total firm energy and the State of Nevada one-third.

...CONTINUED ON PAGE 4
American Society of Civil Engineers—San Bernardino-Riverside Branch

Invites you to a **FREE Webinar**

**Innovative Designs for Improving Intersection Capacity**

**AUGUST 12, 2015**

**11:30am - 2:00pm**

Lunch will be provided

Webinar will provide:
- How to use innovative designs to optimize traffic flow
- Unconventional geometric designs to increase the capacity of both existing and new intersections.
- Designs such as continuous flow, parallel flow and other intersection designs that either eliminate or handle left-turn movements
- Single point urban interchanges, diverging diamond interchanges, as well as other types of grade separated intersections and interchanges
- 0.2 Continuing Education Units

**Webinar will be hosted at (30 person limit):**

TKE Engineering-2305 Chicago Ave, Riverside, CA 92507

Please RSVP with Julianna Gonzalez (juliannagonzalez@rcflood.org) by August 7, 2015

Additional information on the webinar can be found here:

[http://mylearning.asce.org/diweb/catalog/item/id/70885/q/n=10&c=79&t=2135&t=2118](http://mylearning.asce.org/diweb/catalog/item/id/70885/q/n=10&c=79&t=2135&t=2118)
This Month in Engineering History

...CONTINUED from PAGE 2

The Secretary was faced with the problem of allocating the energy available. It was shortly thereafter resolved and recommended to the Secretary of the Interior that 64% of the total firm power from the Boulder Canyon project go to California interests and be divided as follows:

- To the Metropolitan Water District 36%
- To the City of Los Angeles and other municipalities that filed application 19%
- To the Southern California Edison Company 9%

It was further resolved and recommended that MWD be given the first call upon all unused power and all unused secondary power up to their total requirements for pumping into and in the aqueduct.
3RD ANNUAL
ASCE
SAN BERNARDINO/RIVERSIDE BRANCH
AND YOUNG MEMBER FORUM
SCHOLARSHIP GOLF TOURNAMENT
MORONGO GOLF CLUB AT TUKWET CANYON
36211 CHAMPION DRIVE, BEAUMONT, CA 92223
FRIDAY, SEPTEMBER 18, 2015
7:00 AM  CHECK IN, COFFEE, PASTRIES AND DRIVING RANGE
8:00 AM  LOAD CARTS
8:15 AM  SHOTGUN START
1:00 PM  BANQUET LUNCH, AWARDS, AND RAFFLE
ENTRY FEE $100 PER PERSON   -   STUDENT $75   -   EARLYBIRD FOUR SOME $375 [UNTIL AUGUST 19]
SPONSORSHIP PACKAGES AVAILABLE

<table>
<thead>
<tr>
<th>PLATINUM $1500</th>
<th>GOLD $1000</th>
<th>SILVER $500</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 GOLF FOURSOMES</td>
<td>2 GOLF FOURSOMES</td>
<td>1 GOLF FOURSOME</td>
</tr>
<tr>
<td>TEE BOX SPONSORSHIP</td>
<td>TEE BOX SPONSORSHIP</td>
<td>TEE BOX SPONSORSHIP</td>
</tr>
<tr>
<td>ASCE POLO SHIRT FOR EACH PLAYER</td>
<td>LOGO ON PROGRAM AND EVENT BANNER</td>
<td>LOGO ON PROGRAM AND EVENT BANNER</td>
</tr>
<tr>
<td>LOGO ON PROGRAM AND EVENT BANNER</td>
<td>RESERVED SEATING AT BANQUET LUNCH</td>
<td>RESERVED SEATING AT BANQUET LUNCH</td>
</tr>
<tr>
<td>TEE BOX SPONSORSHIP</td>
<td>BANQUET LUNCH SPONSOR</td>
<td>BANQUET LUNCH SPONSOR</td>
</tr>
<tr>
<td>BANQUET LUNCH SPONSOR</td>
<td>ASCE POLO SHIRT FOR EACH PLAYER</td>
<td>ASCE POLO SHIRT FOR EACH PLAYER</td>
</tr>
<tr>
<td>RESIZED SEATING AND 5-MINUTE COMPANY SPOTLIGHT/PRESENTATION AT BANQUET LUNCH</td>
<td>LOGO ON PROGRAM AND EVENT BANNER</td>
<td>LOGO ON PROGRAM AND EVENT BANNER</td>
</tr>
<tr>
<td>ASCE POLO SHIRT FOR EACH PLAYER</td>
<td>TEE BOX SPONSORSHIP</td>
<td>TEE BOX SPONSORSHIP</td>
</tr>
<tr>
<td>LOGO ON PROGRAM AND EVENT BANNER</td>
<td>LOGO ON PROGRAM AND EVENT BANNER</td>
<td>LOGO ON PROGRAM AND EVENT BANNER</td>
</tr>
<tr>
<td>BANQUET LUNCH SPONSOR</td>
<td>BANQUET LUNCH SPONSOR</td>
<td>BANQUET LUNCH SPONSOR</td>
</tr>
<tr>
<td>TEE BOX SPONSORSHIP</td>
<td>TEE BOX SPONSORSHIP</td>
<td>TEE BOX SPONSORSHIP</td>
</tr>
<tr>
<td>ASCE POLO SHIRT FOR EACH PLAYER</td>
<td>ASCE POLO SHIRT FOR EACH PLAYER</td>
<td>ASCE POLO SHIRT FOR EACH PLAYER</td>
</tr>
<tr>
<td>LOGO ON PROGRAM AND EVENT BANNER</td>
<td>LOGO ON PROGRAM AND EVENT BANNER</td>
<td>LOGO ON PROGRAM AND EVENT BANNER</td>
</tr>
<tr>
<td>TEE BOX SPONSORSHIP</td>
<td>TEE BOX SPONSORSHIP</td>
<td>TEE BOX SPONSORSHIP</td>
</tr>
</tbody>
</table>

OTHER SPONSORSHIP OPPORTUNITIES AVAILABLE
- PRIZE HOLE SPONSOR $250 (CLOSEST TO THE PIN, LONGEST DRIVE, STRAIGHTEST DRIVE, AND LONGEST PUTT)
- TEE BOX SPONSORSHIP $200
- BREAKFAST SPONSOR $400
- RAFFLE PRIZES
- PROMOTIONAL ITEMS

TOURNAMENT INFORMATION: STEVEN LEDBETTER 951.680.0440, SLEDDETER@TKEENGINEERING.COM
To Get Involved

Your local Branch and YMF chapters coordinate tours of projects that help you to enhance your civil engineering knowledge as it applies to projects all around you.

Contact your local Branch or Younger Member Forum for the next tour or technical presentation scheduled.
**Employment Opportunities**

**Transtech Engineers Inc** is looking for a Senior Designer and a Project Engineer. Interested candidates should contact Melissa Demirci with a resume in PDF at Melissa.demirci@transtech.org.

---

Want to advertise an employment opportunity?
Contact the Newsletter Editor at juliannagonzalez@rcflood.org
Upcoming Events

August 12, 2015 – Designs for Improving Intersection Capacity FREE Webinar
August 14, 2015 – ASCE Leadership Planning Workshop
September 18, 2015 – 3rd Annual Golf Tournament
October 3, 2015 – Officer Installation at Proud Bird, LAX

Membership Information

<table>
<thead>
<tr>
<th>Types of Membership and Annual Dues (National)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Students:</td>
<td>FREE</td>
</tr>
<tr>
<td>Associate Member:</td>
<td>$50 per year of Baccalaureate degree and first year after, then incremental increases to $225 over five years.</td>
</tr>
<tr>
<td>Member:</td>
<td>$225</td>
</tr>
<tr>
<td>Affiliate:</td>
<td>$225</td>
</tr>
<tr>
<td>Section (Branch) Dues:</td>
<td>$55</td>
</tr>
</tbody>
</table>

National ASCE student membership is now FREE! Those who have chapters or clubs still must be a member of them before joining National. Log onto https://www.asce.org/online, fill out the short application or call 1-800-548-ASCE (2723) and instantly become a member of ASCE.

Online membership renewal is available! Go to https://www.asce.org/renewal/inforrenewal.cfm. You will need your membership number. All payments must be made with a major credit card. An e-receipt is transmitted to the member upon completion of the transaction.

Newsletter Information

Publisher:
ASCE San Bernardino-Riverside Counties Branch
P.O. Box 1541
Riverside, CA 92502-1541
Typesetting and Layout: Julianna Gonzalez

Editor:
Julianna Gonzalez
951-955-8064
juliannagonzalez@rcflood.org

Identification Statement:
ASCE San Bernardino - Riverside Counties Branch
Newsletter is published monthly.
Subscription Rate: $55 (included in section dues)

Advertisement Rates:
Professional Directory: $250 per business card (10 issues)
Full page ad: $235 per issue
1/2 page ad: $125 per issue
1/4 page ad: $75 per issue

Advertisement Information:
To place ads please contact the editor. Payments are due 30 days from the date of publication.

Billing Information:
Michael Sampson
951-826-5406
msampson@riversideca.gov