

# The Masonry Society's 2019 Annual Meeting

**THE  
MASONRY  
SOCIETY**

**Scottsdale, Arizona**

**November 6-9, 2019**

**at the Embassy Suites by Hilton Scottsdale Resort**

The Masonry Society's 2019 Annual Meeting  
Advancing the Knowledge of Masonry

The 2019 Annual Meeting of The Masonry Society will be held November 6-9, 2019 in Scottsdale, Arizona at the Embassy Suites by Hilton Scottsdale Resort. The Annual Meeting features technical sessions, committee meetings, and social activities. A schedule of meetings and events is shown on the last page of this brochure.

Presentations at the General Sessions on **Thursday, November 7th:**

- **Freeze-thaw from the inside out**  
*presented by Emma K. F. Cardini, Wiss, Janney, Elstner Associates, Inc. (WJE)*
- **The Mystery of the Wandering Drip Edge**  
*presented by Robert C. Haukohl, Raths, Raths, & Johnson, Inc.*
- **The 'Castle' Renovation on the south side of Camelback Mountain, Phoenix, AZ**  
*presented by Paul G. Scott, Caruso Turley Scott Structural Engineers*
- **What's New in LEED v4.1**  
*presented by Christine A. Subasic, C. Callista Subasic*
- **Design and Construction Guidelines for Dry-Stack Concrete Masonry**  
*presented by David T. Biggs, Biggs Consulting Engineering*
- **Surprising Masonry**  
*presented by Scott W. Walkowicz, Walkowicz Consulting Engineers*
- **Hygrothermal Performance of Mass Masonry Walls Based on In-Situ Testing and Numerical Modeling**  
*presented by Patrick B. Dillon, WDP & Associates*
- **Revit Plug-In for BIM-M**  
*presented by Jamie L. Davis, Ryan Biggs | Clark Davis Engineering & Surveying*
- **Code and Design Poll with Q&A**  
*presented by Richard M. Bennett, University of Tennessee, & David L. Pierson, ARW Engineers*

Descriptions of these presentations are shown on the following pages. Additional presentations are also expected.

# General Session Presentations

In addition to TMS committee meetings, the Annual Meeting is filled with numerous educational opportunities. The following topics will be presented during the General Sessions on Thursday, November 7th. Presentations are typically 20 minutes and provide informative background on a variety of design, construction, and evaluation topics related to masonry. Certificates of Attendance and AIA Learning Units are available to those attending.



## General Session 1

Thursday, November 7th, 8:00 - 9:00 AM

### Freeze-thaw from the inside out

*Emma K. F. Cardini, P.E., Wiss, Janney, Elstner Associates, Inc.*

Ms. Cardini will present observations and preliminary conclusions regarding an investigation of laboratory sciences building at a university in Rhode Island. Within ten years of being constructed, spalling mortar was observed in multiple locations, particularly directly under the aluminum coping assembly and above and below punched window openings. During destructive evaluation, discrepancies between the existing conditions and those presented in the as-built construction documents were observed; namely the lack of a continuous liquid-applied air barrier. Further, upon closer inspection, it was evident that the mortar joints are more friable at the interior side of the joint and in some locations, the outer 1/2 inch of mortar was not well bonded to the adjacent brick units and has spalled in many locations. In addition to the discontinuous air barrier, both the detailing of the water management components and the pressurization of the interior mechanical systems may be accelerating the observed mortar failures.

### The Mystery of the Wandering Drip Edge

*Robert C. Haukohl, P.E., Rath, Rath, & Johnson, Inc.*

The first reaction on seeing the photographs was disbelief. A seemingly ordinary five-story, recently-constructed office building, brick masonry veneer supported on shelf angles at each floor... and stainless steel drip edge pieces sticking out of the building at odd angles looking like they were ready to fall off. Had there been a wind event? Birds or flying monkeys perhaps? Drip edges couldn't possibly have been installed that way and passed inspection. Did they just sort of wander out on their own? How? Although the flying monkey theory was the initial favorite, the answers to the mystery were a bit more straightforward. With the availability of industry standard detailing, and with attention to detailing and coordination among trades, the shelf angle flashing detail shouldn't have to be a mystery.

### The 'Castle' Renovation on the south side of Camelback Mountain, Phoenix, AZ

*Paul G. Scott, SE, Caruso Turley Scott Engineers*

Mort Copenhagen built the 'Castle' in Phoenix, starting in 1963 and finishing in 1971 on the highest lot on the south side of Camelback Mountain. In 2013, after many owners, the 'Castle' underwent a huge renovation. The bearing walls are 19" thick double wythe, reinforced, natural camelback stone walls. The new 40' tall stair shaft is 12" by 8' CMU. Pictures and details for this special construction will be shown during this presentation and conditions needed to build this structure on the steep south side of Camelback Mountain will be reviewed.

## General Session 2

Thursday, November 7th, 9:00 - 10:00 AM

### What's New in LEED v4.1

*Christine A. Subasic, P.E., LEED A.P., C. Callista Subasic*

The latest version of LEED for new construction, LEED v4.1 Building Design and Construction (BD+C), was released in early 2019. This version is an update to LEED v4, rather than a complete rewrite of the rating system. Several of the credits found in LEED v4 proved difficult to achieve or beyond the market's capabilities. The Materials and Resources credits were particularly problematic. LEED v4.1 attempts to address these issues by adding incremental achievement levels and revising the thresholds and criteria in many of the credits. Some have been streamlined and several requirements have been eliminated entirely. Subasic will summarize the changes in LEED v4.1 with a focus on those changes that are most likely of interest to the masonry industry.

### Design and Construction Guidelines for Dry-Stack Concrete Masonry

*David T. Biggs, P.E., S.E., HTMS, Biggs Consulting Engineering*

Since TMS 402 is explicitly limited to masonry laid in mortar, the Design Practices Committee (DPC) established a task group to develop consensus-based guidance for the design and construction of dry-stacked concrete masonry systems. This guide is intended to be a reference for potential users.



It is not presented in mandatory language, nor is it intended to be referenced by a model building code or enforced in practice. This presentation will overview the proposed guide and its current TMS-TAC review status.

### **Surprising Masonry**

*Scott W. Walkowicz, P.E., Walkowicz Consulting Engineers*

Masonry has great capacity to accomplish surprising feats of structural prowess. Despite its great capacity, and its broad and deep history, masonry as structure is often not considered by modern designers for solutions outside relatively mundane situations. This presentation seeks to open eyes and to stretch the boundaries of designers regarding structural masonry use through various illustrations of project applications. Examples will include long span lintels and highly perforated walls.

### **General Session 3**

**Thursday, November 7th, 10:15 - 11:15 AM**

### **Hygrothermal Performance of Mass Masonry Walls Based on In-Situ Testing and Numerical Modeling**

*Patrick B. Dillon, Ph.D., P.E., WDP & Associates Consulting Engineers*

The bulk water management mechanism for mass masonry is very different from that of modern masonry veneer construction. Mass masonry walls were designed to store bulk water during rain events and to subsequently release the moisture over time. Due to their inherently larger mass, mass masonry walls also have the ability to store thermal energy accumulated during the hottest periods of the diurnal cycle and release it at other periods. Due to these differences, the hysteretic hygrothermal behavior of existing mass masonry walls must be considered when considering the potential for changes to the thermal or moisture management properties of the wall assembly.

A narrow range of information is currently available regarding the thermal and moisture management properties of mass masonry walls, which can vary widely from one assembly to the next. It is important that the properties of mass masonry walls be determined through in-situ testing before performing hygrothermal modeling and designing changes that may effect the thermal and moisture performance of the walls. This presentation will provide an overview of the tests and methods required to perform in-situ testing of the hygrothermal performance mass masonry walls. The results from several case studies will be discussed and compared to numerical models of the hygrothermal performance.

*Additional topics from papers being considered for awards may also be presented during this session.*

### **General Session 4**

**Thursday, November 7th, 11:15 AM - 12:15 PM**

### **Revit Plug-In for BIM-M**

*Jamie L. Davis, P.E. LEED A.P., Ryan Biggs | Clark Davis Engineering & Surveying*

In 2014 Building Information Modelling for Masonry (BIM-M) started its mission to advance and promote masonry in a BIM world. This presentation will touch on the advancements that have been made to promote the use of masonry in Revit models. It will primarily focus on the recent development of a Revit plug-in called Masonry IQ. A video presentation will show the actual use of the plug-in in a Revit model.

### **Code and Design Poll with Q & A**

*Richard M. Bennett, Ph.D, P.E., University of Tennessee, and David L. Pierson, S.E., ARW Engineers*

Participants will participate in active and collaborative learning to achieve the following learning objectives: Learn how provisions of the TMS 402 are commonly interpreted by designers; learn the methods designers typically use for masonry structures; learn about the code development process.

### **Walkowicz Named Fellow Member of The Masonry Society**

The TMS Board of Directors has named Scott W. Walkowicz., P.E., owner of Walkowicz Consulting Engineers, as a Fellow of the Society. Walkowicz was nominated for the position of Fellow based on his significant contributions to the Society and to the design of masonry.



Walkowicz is a Past President of The Masonry Society (TMS), leading the Society to grow and expand its focus. He is currently a Member of TMS's Technical Activities Committee (TAC), a Member of TMS 402/602 Main Committee, and the Design and the Reinforcement and Connectors Subcommittees for the TMS 402/602 Committee. His service within TMS is not restricted to technical issues, and he has in the past served on the Administrative Committee Team, and he continues service on the Awards Committee and Meetings Committee offering excellent insight to discussions.

TMS will formally recognize Walkowicz during the Awards Luncheon on November 7th.

# Meeting Events & Activities

## Arrival Day Event

Tuesday, November 5th, 5:00 - ??? PM

Arriving the night before the meetings begin? Relax with friends and colleagues at the Yardhouse. The Yardhouse is located in the Fashion Square Mall less than a mile from the Hotel. TMS has tables reserved beginning at 5 PM Tuesday, November 5th. The Yardhouse features innovative comfort food and a beer menu of over 118 beers from local and imported breweries. Although this is an informal gathering where everyone is encouraged to attend at their convenience, we'd appreciate knowing if you plan to join us so we can plan our group reservation accordingly. **Please note that individual costs are borne by attendee.**

## Wednesday Morning Hike

Wednesday, November 6th, 7:00 - 9:30 AM

Join Phil Samblanet, TMS Executive Director, for a short hike in the area before the meetings start. The destination at this time is unknown, and will depend on how many are interested in attending. Ideas are welcome - forward them to Phil. We'll meet in the hotel lobby at 7 am, and will return by 9:30 am in time for a quick shower before the first meetings. Bring comfortable clothes, good walking shoes, a water bottle, and, if needed, hiking poles. Details on the hike will be provided before the meetings, once we determine interest and transportation options. The only cost may be transportation. Make sure you have breakfast before the hike. Embassy Suites offers a complimentary breakfast beginning at 6 AM.



*Pinnacle Peak*

*Credit: Experience Scottsdale*

## Old Town Scottsdale Walking Tour

Wednesday, November 6th, 8:00 - 9:30 AM

Begin your time in Scottsdale by getting to know its origins during a Historic Old Town Scottsdale Walking Tour. The group will meet in the Hotel Lobby at 8 AM and share rides to Old Town where we will follow the self-guided tour maps as we explore. The only cost may be transportation. Make sure you have breakfast before the tour. Embassy Suites offers a complimentary breakfast beginning at 6 AM.

## TMS Member/Guest Reception

Wednesday, November 6th, 7:30 PM

Join TMS Members and Guests for a Southwestern themed hosted reception at the Embassy Suites Hotel. Relax, catch up, and network with fellow TMS Members and their Guests in the beautiful Paloma Garden setting. **This event is included in the Meeting Registration fee and is complimentary to registered Guests.**

## TMS Awards Luncheon

Thursday, November 7th, 12:15 - 2:00 PM

Enjoy a wonderful meal with your fellow attendees as we honor TMS's newest Fellow Member, Scott Walkowicz. TMS will also announce the 2019 recipients of many other awards including the President's Award, Haller Award, and Theses Awards. Recognition will also be given to outgoing Directors of the Board and past Committee Chairs. Join us at this luncheon as we congratulate and thank these special Members! **Included in registration fee for those registered for Thursday. Separate registration fee applies for Guests.**



*The Old Adobe Mission in Old Town Scottsdale.*

*Credit: Rad Masinelli*





*Credit: Western Spirit: Scottsdale's Museum of the West*

## **Museum of the West Docent Led Tour** **Thursday, November 7th, 3:00 - 4:15 PM**

Scottsdale's Western Spirit: Museum of the West celebrates the art, history, and unique stories of the 19 states comprising the American West. The building itself is a work of art that tells a modern, Western story and is LEED® Gold certified. See the West from a whole new perspective on this docent led tour. The museum is an encyclopedia of Western art, from a rare display of Hopi ceramics to lifelike bronze statues of Native Americans. The rotating exhibitions feature hundreds of Western artworks and rare historic artifacts on loan from some of the world's foremost collectors and institutions. A permanent exhibition makes the case for artists as vital chroniclers of Western exploration and expansion. Scottsdale's Museum of the West is a Smithsonian Affiliate museum, and was selected 2016 Best Western Museum in the nation. **Cost: \$15 per person. Meet in the Hotel Lobby at 2:30 PM Thursday.** The group will use the Hotel shuttle and the Hotel's Lyft account for rides to the museum for the 3:00 PM docent led tour. **Pre-registration required.**

If your time permits, head over to the nearby Scottsdale Museum of Contemporary Art on your own— which is free on Thursdays. No plans for the evening? The Scottsdale Art Walk is also complimentary and begins at 7PM.



*Scottsdale's McDowell Sonoran Preserve at sunset.*  
*Credit: Tom Mackie for Experience Scottsdale*

## **Women in Masonry Get Together** **Thursday, November 7th, 7:30 PM**

Join other women meeting attendees as they head out for cocktails and dinner after the TMS402 Main Committee meeting. The group will decide where they want to go and meet in the Hotel lobby at 7:30. This is a unique opportunity to network with other women in the masonry industry in a relaxed, casual environment. **Please note that individual costs are borne by attendee.**

## **Younger Member Get Together** **Thursday, November 7th 9:00 PM**

TMS's "young" and "young at heart" Members will get together for a fun night out on the town in Scottsdale. Younger Member Get Together registrants will be emailed with Thursday evening's details prior to the meeting. **Please note that individual costs are borne by attendees.**

## **TMS 402/602 Pizza & Beer Party** **Friday, November 8th, 5:30 - 7:30 PM**

Join TMS 402/602 committee members for a relaxing evening of pizza and beer following the sub-committee meetings Friday evening. Attendees and Guests can enjoy their meal poolside at the McDowell Terrace. **This event is included in the Meeting Registration fee and is complimentary to Guests.**

## **General Scottsdale Information**

The spectacular beauty of the Sonoran Desert and surrounding McDowell mountains has been attracting people for centuries. The indigenous peoples and Spanish settlers were joined by US Army Chaplain Winfield Scott in 1888 when he visited the Salt River Valley and was impressed with its potential. Scott purchased 640 acres to start a farming operation near the heart of present day downtown. He then recruited settlers from the East and Midwest who were educated and had an appreciation for cultural activities. Ranching operations were also established very early and led to the motto "The West's Most Western Town." The construction of the Granite Reef and Roosevelt dams in 1908 and 1911 transformed the semi-arid area and made possible the expansion of the town. Many early residents also noted the healthy benefits of the climate and resorts were quickly established. The Depression Era saw the influx of artists and architects to the area, including Frank Lloyd Wright who established Taliesin West, which continues his work to this day and Paolo Soleri, the Italian artist who envisioned Cosanti. Cosanti is the combination of the Italian words cosa ("things") and anti ("against"), thus describing the minimalistic and sustainable vision for Soleri's arcological communities.



*Browsing art at Scottsdale's Thursday night ArtWalk.  
Credit: Scottsdale Gallery Association.*

## General Scottsdale Information

Art flourishes in Scottsdale where a lineup of more than 100 galleries makes it one of the most concentrated collections in the country. The Sonoran Desert escape also is home to acclaimed museums, architectural wonders, award-winning events and a renowned public art program.

You'll find plenty of things to do in Old Town Scottsdale – by day or night! Spend the day browsing the Fifth Avenue shops, trying on Native American jewelry in Historic Old Town, or splurging at Scottsdale Fashion Square, the Southwest's largest retail destination. After dark, dine at one of Old Town's renowned restaurants, check out the weekly Scottsdale ArtWalk (Thursday nights), or hit the clubs in the Entertainment District. Best of all, you can explore all of the city's downtown hub on the free Scottsdale Trolley!

## Hotel

The Embassy Suites by Hilton Scottsdale Resort (formerly Chaparral Suites) is a newly renovated all-suite resort located in the heart of Scottsdale at the crossroads of Old Town and Fashion Square, the largest shopping district in the Southwest. Situated in the Sonoran Desert with views of Camelback Mountain and palm trees, the Hotel includes 2 outdoor pools, 2 whirlpools, a tennis court, and a redesigned state of the art fitness center.

Embassy Suites offers a host of complimentary amenities that include a Full Cooked to Order Breakfast from 6 to 9:30AM weekdays and 7 – 10AM on the weekends, a nightly Manager's Reception from 5:30 - 7:30PM with appetizers and beverages, guest room internet, and local transportation to Old Town.



**Embassy Suites by Hilton Scottsdale Resort**  
**5001 North Scottsdale Road**  
**Scottsdale, AZ 85250**

(480) 949-1414

### TMS Room Rate

\$175 for single and double occupancy rooms when registering under the TMS Room Block. Use the link below or call **800-362-2779** to make your reservation by **October 15, 2019**.

<http://group.embassysuites.com/TheMasonrySocAn>

## Airport Shuttle

Embassy Suites Scottsdale Resort is approximately 10 miles from Phoenix Sky Harbor Airport. Super Shuttle is providing TMS Annual Meeting attendees a discounted fare to the Embassy Suites Hotel. Discounted reservations are available November 4th - 12th. Click the link below (or use discount code **2R39Y**) to receive 10% off one-way and round trip reservations made online.



<https://www.supershuttle.com/default.aspx?GC=2R39Y>

Embassy Suites has a discount partnership with Lyft that is available for Hotel Guests to use. Contact Susan at [tmsmeetings@masonrysociety.org](mailto:tmsmeetings@masonrysociety.org) for the discount code for the Lyft app .

The following taxis are also contracted to pick up passengers at Phoenix Sky Harbor Airport:

- AAA/Yellow Cab - (480) 888-8888
- Mayflower Cab - (602) 955-1355
- VIP Taxi - (602) 300-3000



# 2019 TMS Annual Meeting Registration Form

## Contact & Badge Information

Last Name \_\_\_\_\_ First/Middle Name(s) \_\_\_\_\_ Badge Name \_\_\_\_\_  
 Number of Guests \_\_\_\_\_ Guest Name(s) \_\_\_\_\_  
 Company \_\_\_\_\_ Address 1 \_\_\_\_\_  
 Phone Number \_\_\_\_\_ Address 2 \_\_\_\_\_  
 Email \_\_\_\_\_ City/State/Postal Code \_\_\_\_\_

## Registration Information

	TMS Members		Non-Members		Students	
	Regular Rate	Late Rate	Regular Rate	Late Rate	Regular Rate	Late Rate
Full Meeting	\$350	\$400	\$470	\$535	\$230	\$260
TMS 402/602 Only	\$250	\$290	\$335	\$390	\$160	\$180
One Day	\$200	\$230	\$270	\$310	\$120	\$140

Days Attending:  Wed (11/6)  Thur (11/7)  Fri (11/8)  Sat (11/9)

Registration Fee \$ \_\_\_\_\_

### Please specify all events you plan on attending:

- Arrival Day Event  TMS 402/602 Working Lunch  Museum of the West Tour (+\$15)  
 TMS Member/Guest Reception  Women in Masonry  Wednesday Morning Hike  
 TMS 402/602 Pizza Party  Younger Member Get Together  
 TMS Awards Luncheon (select a meal choice below)  
 Grilled Achiotte Flank Steak with roasted poblano mashed potatoes and chimichurri  
 Seared Salmon with blueberry almond rice pilaf and balsamic honey glaze  
 Chinese Crispy Tofu with mongolian glaze and shoyu scallion fried rice

Meeting Mentorship  I am willing to be a Mentor  I would like to be mentored

Meeting Sponsorship (Supporters will be recognized on the website and posters at the meeting) \$ \_\_\_\_\_

Dietary Requirements/Requests (TMS will try to accomodate special requests as much as possible)

## Guest Registration\*

Guest Name(s) \_\_\_\_\_

Please specify the number of guests attending each event: \_\_\_\_\_ Arrival Day Event \_\_\_\_\_ Museum of the West Tour (\$15 per guest)  
 \_\_\_\_\_ TMS Member/Guest Reception \_\_\_\_\_ Wednesday Morning Hike  
 \_\_\_\_\_ TMS 402/602 Pizza Party

TMS Awards Luncheon, \$55 per guest (select the number of guest meals below)

\_\_\_\_\_ Grilled Achiotte Flank Steak \_\_\_\_\_ Seared Salmon \_\_\_\_\_ Chinese Crispy Tofu **Guest Total \$ \_\_\_\_\_**

Register online at [masonrysociety.org](http://masonrysociety.org)

**Total Registration & Event Fees \$ \_\_\_\_\_**

## Payment

Credit Card  Invoice (TMS Members only)

Check (Payable to The Masonry Society in USD) Check # \_\_\_\_\_

Credit Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_ CVV \_\_\_\_\_

Name on Credit Card \_\_\_\_\_

Billing Address \_\_\_\_\_

\*Guests are invited to attend select social events. However, those attending committee meetings, educational sessions, and business functions are expected to register as an attendee.

Cancellation requests will be accepted without penalty up to 10 business days prior to the event. Cancellations received between 3 and 10 business days prior to the event will be refunded in full less a \$75 administrative fee. No refunds will be given for cancellations received 3 days prior to the event or for "no shows". TMS retains the right to cancel any and all events up to, but not later, than two weeks prior to the event. In the event an event is cancelled, registration fees will be returned to all those registered for that event.

TMS may take photographs and video during the meeting and reproduce them in TMS educational, news, or promotional material-whether in print, electronic, or other media-including the TMS website. If you do not want your photo to appear in any of the aforementioned media, please notify TMS.

# Preliminary Schedule

Wednesday, November 6, 2019

Time	Room	Room
7 – 9:30 am*	Optional Hike	
8 – 9:30 am*	Optional Walking Tour	
9:30 – 10 am		
10 – 11am	Technical Activities Committee*	Registration (Opens at 10:00 am)
11am – 12:00pm	Membership and Outreach Committee	Registration
12 – 12:30 pm	Membership and Outreach Committee	
12:30 – 1 pm		
1 – 2:00 pm	Building Performance Committee	Research Committee
2:00 – 2:30 pm	Building Performance Committee	Design Practices Committee
2:30 – 3:30 pm	Construction Practices Committee	Design Practices Committee
3:30pm – 3:45pm	Break	Break
3:30 – 4pm	Existing Masonry Committee	BIMM Committee
4 – 4:30 pm	Existing Masonry Committee	BIMM Committee
4:30 – 5 pm	Existing Masonry Committee	Administrative Committee Team
5 – 6:00 pm	Technical Activities Committee	Administrative Committee Team
6 – 6:30 pm	Technical Activities Committee	
6:30 – 7:30 pm	<b>Town Hall Meeting</b>	
7:30 – 9pm	<b>TMS Member/Guest Reception</b>	

\* Embassy Suites Scottsdale provides a free breakfast for Hotel Guests therefore TMS will NOT be providing continental breakfasts. Hotel Breakfast hours are 6 – 9:30AM weekdays and 7 – 10AM weekends.

Thursday, November 7, 2019

Time	Room	Room
7:00 – 7:30 am		Past President's Breakfast
7:30 – 8:00 am	TMS Annual Meeting Registration*	
8:00 – 9 am	TMS General Session 1	
9 – 10 am	TMS General Session 2	
10 – 10:15 am		Break
10:15 – 11:15 am	TMS General Session 3	
11:15 am – 12:15pm	TMS General Session 4	
12:15 am – 2 pm	<b>TMS Awards Luncheon</b>	
2 – 2:30 pm		TMS Executive Committee
2:30 – 3:30 pm	Scottsdale Museum of the West Tour	TMS Executive Committee
3:30 – 3:45pm	Scottsdale Museum of the West Tour	Break
3:45 – 4:30 pm	Scottsdale Museum of the West Tour	TMS Board of Directors
4:30 – 5 pm		TMS Board of Directors
5 – 5:45pm	Registration	TMS Board of Directors
5:45 – 6:15pm	TMS 402/602 Executive Committee	
6:15 – 7:15pm	TMS 402/602 Main Committee	
7:30 – 9 pm		Women in Masonry – Off site

\* Embassy Suites Scottsdale provides a free breakfast for Hotel Guests therefore TMS will NOT be providing continental breakfasts. Hotel Breakfast hours are 6 – 9:30AM weekdays and 7 – 10AM weekends.

Friday, November 8, 2019\*

Time	Room	Room	Room
7:30 – 5:00pm	TMS Registration*		
8:00 – 9:45 am	Construction Requirements Subcommittee	Design Subcommittee	
9:45 – 10:00 am		Break	
10:00 – 11:45 am	Construction Requirements Subcommittee	Design Subcommittee	
11:45 am – 12:45 pm	Working Lunch		
12:45 – 2:30 pm	Structural Members Subcommittee	Veneer & Glass Block Subcommittee	Seismic/Limit Design Subcommittee
2:30 – 2:45 pm		Break	
2:45 – 4:30 pm	Reinforcement and Connectors Subcommittee	Veneer Glass Block Subcommittee	General Requirements Subcommittee
4:30 – 5:30 pm	Partition/Infill Subcommittee	Prestressed Masonry Subcommittee	
5:30 – 7 pm			Pizza Party

\* Embassy Suites Scottsdale provides a free breakfast for Hotel Guests therefore TMS will NOT be providing continental breakfasts. Hotel Breakfast hours are 6 – 9:30AM weekdays and 7 – 10AM weekends.

\*\* Form and Style Subcommittee to meet Virtually prior to these meetings

Saturday, November 9, 2019

Time	Room
8 am – noon	TMS 402/602 Main Committee*

## Meeting Sponsors

NATIONAL

# NCMA

CONCRETE MASONRY ASSOCIATION

## Thanks to the Local Coordinating Committee!

- Arizona Masonry Council
- Caruso Turley Scott, Inc.
- Ed Freyermuth

## Sponsorship Opportunities

TMS is accepting sponsorships and exhibitor requests for this year's Annual Meeting. This is an excellent and affordable way to promote your organization while supporting the Society.

Email [tmsmeetings@masonrysociety.org](mailto:tmsmeetings@masonrysociety.org), call (303) 939-9700, or visit our website:

[masonrysociety.org/product/tms-meeting-sponsorship-opportunities/](http://masonrysociety.org/product/tms-meeting-sponsorship-opportunities/)

## Member Mentoring

Are you new to TMS, and not sure where you should be and when, or want to just learn from someone in the know?

TMS Members are a welcoming and sharing group, so if you would like a mentor, we can find some one to help you feel comfortable. Simply check the box on the registration form, and we'll be in touch with some recommendations shortly.

On the other hand, if you would be willing to help mentor new attendees, let us know on the registration form.