



**THE SPECK**  
The Construction Specifications Institute

## CSI KNOXVILLE CHAPTER MEETING TUESDAY, JUNE 14TH

# TMS 602: SPECIFICATION FOR MASONRY STRUCTURES

Presented By: Dr. Richard Bennett, Ph D, P.E., Professor of Civil and Environmental Engineering at the University of Tennessee [rbennet2@utk.edu](mailto:rbennet2@utk.edu)  
with James Cain, Executive Director Southeast Concrete Masonry Association [jcain@scmaonline.org](mailto:jcain@scmaonline.org)



Richard Bennett, Ph. D, P.E. is a Professor of Civil and Environmental Engineering at the University of Tennessee. Dr. Bennett has been very active in the Masonry Standards Joint Committee which writes the Building Code for Masonry Structures. He has chaired the Flexural, Axial Loads, and Shear subcommittee and served as the vice-chair of the 2013 MSJC Committee. Dr. Bennett was the chair of the main committee for the 2016 402/602 code. He is 2nd vice chair for the next code cycle, which will develop the 2022 TMS 402/602 provisions.



### CSI Knoxville June Chapter Meeting

Tuesday, June 14th, Time: 11:30 AM EST - 1:00 PM (EST)

Dr. Richard Bennett, Ph D, P.E.

In-Person Meeting Location:

Associated General Contractors (AGC)

Address:

[3306 Ragsdale Ave NW, Knoxville, TN 37909](#)

RSVP: **Boxed Lunch Provided**

[RSVP: Click here to RSVP for In-Person Meeting](#)

The Knoxville Chapter meets on the second Tuesday of every month. Guests are Welcome!

CEU Pending

Virtual Meeting: **Zoom Link**

Please join from your computer, tablet or smartphone

[Click here to Register in advance for this meeting](#)



**THE SPECK** Editor

Stacy Flick Colbaugh - Editor  
[scolbaugh@lewisgroup.net](mailto:scolbaugh@lewisgroup.net)

THE SPECK is published monthly by the Knoxville Chapter of the Construction Specifications Institute. Readers are encouraged to submit articles and images of the construction industry interest for our membership. All submittals should be sent via e-mail in a typical file format, such as .pdf, .docx, or .jpg Please verify the accuracy of the information such as correct dates, spelling, and grammar. Deadlines are the 25th of each month.

**CSI KNOXVILLE IS A MEMBER OF THE CSI GULF STATES REGION**

**CALENDAR OF EVENTS**

**JUNE 2022**

- 07** **CSI Board Meeting** - Tuesday, June 7th  
 Meeting from 12:00 pm - 1:00 pm (EST)  
**MBI Companies Inc.**  
[299 N Weisgarber Rd., Knoxville, TN 37919](https://www.mbi.com)
- 14** **CSI Chapter Meeting** - Tuesday, June 14th  
**Time: 11:30 AM EST - 1:00 PM (EST)**  
**Presented By Dr. Richard Bennett, Ph D, P.E.**

**In-Person Meeting Location:**

Associated General Contractors (AGC)

Address:

[3306 Ragsdale Ave NW, Knoxville, TN 37909](https://www.agc-knox.org)

**RSVP: Boxed Lunch Provided**

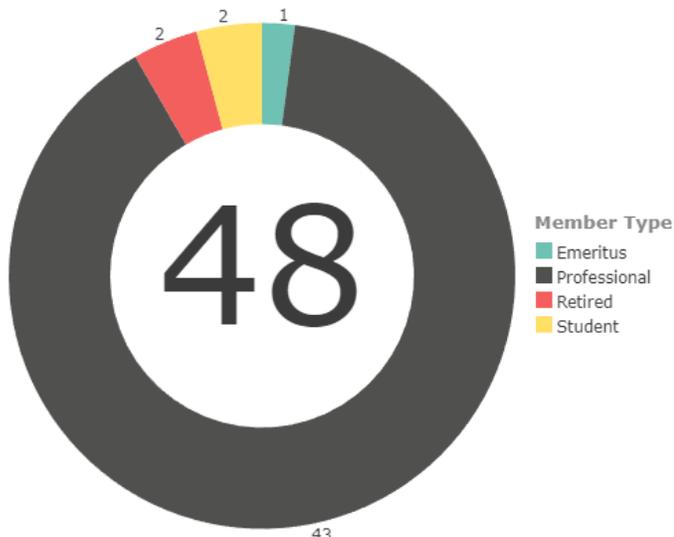
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**Virtual Meeting: Zoom Link**

Please join from your computer, tablet or smartphone

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After registering, you will receive a confirmation email containing information about joining the meeting.



**JUNE 2022 ANNIVERSARIES**

Kathy Proctor	40 years ago
James Rose	14 years ago
Marni Redmond	1 year ago
Lauretta Cocke	11 months ago

## THE PRESIDENT'S MESSAGE

### GREETINGS, KNOXVILLIANS!

Kathryn E. Fuller, AIA, NCARB, CSI CDT  
CSI Knoxville Chapter President  
[kathrynf@mbicompanies.com](mailto:kathrynf@mbicompanies.com)



Greetings, CSI Knoxville-ians!

You are all cordially invited to our next program on Tuesday June 14th at Noon!

This month's program will feature Dr. Richard Bennett from UT.

His topic will be TMS 602: What it is and how to use it. See you at AGC of Tennessee on Ragsdale Ave. next Tuesday for this presentation.

Stay tuned for the return of CSI Knoxville's Decompression Hour. Coming soon to a drinking establishment near you!

This Saturday, the Board will hold their annual planning retreat. Wish us good luck and many exciting new ideas and programs for this upcoming year.

Everyone is invited to register for the upcoming Gulf States Region Conference, June 23-25th in Nashville. Let's flood the conference with Knoxville-ians! Conferences are not only a great place to network, it is also a one-stop-shop for expanding your mind - learn something from others within CSI's diverse mix of construction backgrounds and disciplines.

It was such a hit last year, so we will again combine our awards ceremony with the annual 4th of July party at Suzan's house.

Let's send out this fiscal year with a bang!

*Kathryn E. Fuller, AIA, NCARB, CSI CDT*

*CSI Knoxville Chapter President*

*[kathrynf@mbicompanies.com](mailto:kathrynf@mbicompanies.com)*

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## CSI HIGHLIGHTS

Summary from Tuesday, May 3rd Board Meeting

The board met via Zoom online conferencing to discuss the following CSI events:

- CSI Certification Study Group
- CSI Student Chapter Meeting Schedule
- CSI Chapter Awards Planning
- CSI Chapter Slate of Officers for 2022-2023
- Planning for the October Golf Tournament at Egwani Farms is underway and we are seeking sponsors and volunteers!



## JUNE 2022 PRESENTATION

### TMS 602: WHAT IT IS AND HOW TO USE IT?

TMS 402/602-16 Building Code Requirements and Specification for Masonry Structures

The 2018 IBC (International Building Code) references the 2016 TMS 402 and TMS 602 for the design and construction of structural masonry, veneer, and glass unit masonry, and it uses the quality assurance provisions from TMS 602 for masonry inspection.

Also here a more detailed outline of what he will be covering.

- 1) TMS 402 & 602
- 2) Material Standards
- 3) 402-16 How to Design
- 4) 602-16 How to Install
- 5) 602 Specification Checklists
- 6) Mortar Types/ Cementitious Materials
- 7) Proportion vs. Property Specification
- 8) Field Testing of Mortar
- 9) Bond Patterns



Richard Bennett, Ph. D, P.E. is a Professor of Civil and Environmental Engineering at the University of Tennessee. Dr. Bennett has been very active in the Masonry Standards Joint Committee which writes the Building Code for Masonry Structures. He has chaired the Flexural, Axial Loads, and Shear subcommittee and served as the vice-chair of the 2013 MSJC Committee. Dr. Bennett was the chair of the main committee for the 2016 402/602 code. He is 2nd vice chair for the next code cycle, which will develop the 2022 TMS 402/602 provisions.

# HINDSIGHT

## PHOTOS FROM MAY CSI CHAPTER MEETING

Photos by: Ms. Stacy Colbaugh, AIA, CSI, CDT

### CSI KNOXVILLE CHAPTER MEETING TUESDAY, MAY 10TH **BUILDER'S RISK INSURANCE AND HOW BEST TO HANDLE A CLAIM**

Presented By: Paul Whitt, Lewis Thomason  
[pwhitt@lewis-thomason.com](mailto:pwhitt@lewis-thomason.com) Credit: 1 Hour AIA HSW

**1LU  
HSW**



This presentation will outline construction project documentation, while also providing insight into the 2020 Construction Statute Amendments.

This discussion will offer further understanding into the significant changes to the Tennessee construction industry.

It will also detail ten main tips for surviving construction claims by explaining how to deal with risk in today's design professional firm.



## WHAT I LEARNED FROM CSI...

### PART 2: HAIR TRAPS, SOLIDS TRAPS AND MORE!

Last month, we covered P-traps, S-traps, and Bottle-traps. This month, in Part 2, we'll sink into more specialized traps for some industries such as hair traps, lint traps, and plaster traps. If you look under your barber or hairdressers shampoo sink, you may observe a hair trap. This trap includes a strainer intended to remove hair from the waste line before it causes clogs that are difficult to remove from piping behind the walls or floors.



<https://www.minervabeauty.com/catch-all-hair-trap?>

Because of the large volume of items processed in a commercial laundry, lint traps or separators are installed in the waste line of the building before it connects to the city sewer system. The lint trap consists of several filters which trap the lint until the final filter becomes clogged and the wastewater flow stops. The amount of lint intercepted varies depending upon the type of laundry processed. Towels usually produce more lint than bedding. The lint separators require regular cleaning depending upon the volume and type of laundry

processed similar to the way you clean the lint filter in your home dryer.



<https://www.rkfdseparators.com/lint-separators/>

Dental clinics process plaster molds for use in producing implants, dentures, bridges, and crowns. The plaster mold is an impression of the patient's mouth. The lab processing includes grinding of the plaster mold and results in fine plaster particles that are intercepted by plaster traps located under the sink before the plaster debris enters the building sewer system. The white grinder is in the photo below and the waste is directed into the sink. The plaster trap is often located under the sink.





<https://www.amazon.com/complete-disposable-plaster-compatible-buffalo/dp/B071RYF79C>



<https://vikingplastics.com.au/products/trade-waste-tanks/acid-neutralising-tank/>

Acid neutralization/dilution traps or basins are often used in chemistry laboratories. Many engineers prefer the name neutralization since some building code officials will insist on the dilution % achieved. These traps are small that fit under the lab sink or a large multi-chamber basin buried outside the lab for multiple chemistry sinks. The traps are filled with a media that alters the pH level of the waste fluids. Marble chips are often used, but other media is also utilized. The trap or basin is often a high-density plastic that resists the corrosive waste. The discharge of the trap/basin is directed to the normal sanitary sewer when it is a neutral pH level. A black under the sink acid neutralization trap is in the photo below.

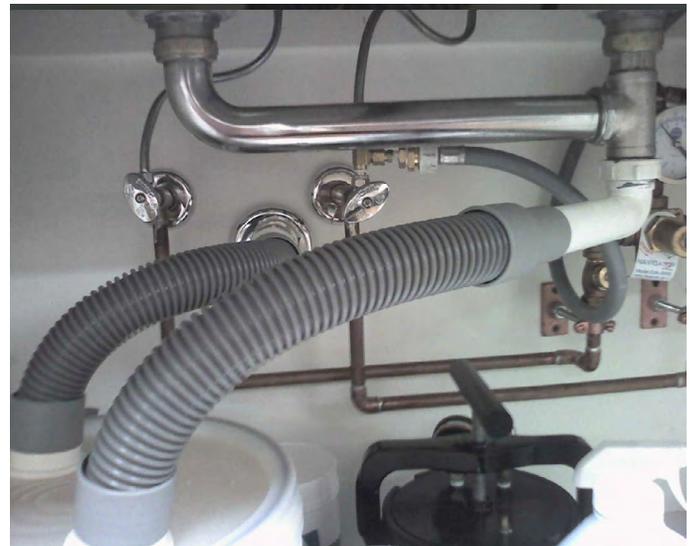


Grease traps were discussed in a previous article in \_\_\_\_\_, master traps, condensate hub drain trap, <https://civiljungle.com/what-are-traps/>



Additional dental grinders & plaster traps photos are below:

<https://www.zurn.com/products/acid-neutralization/phix/z9a-phix>





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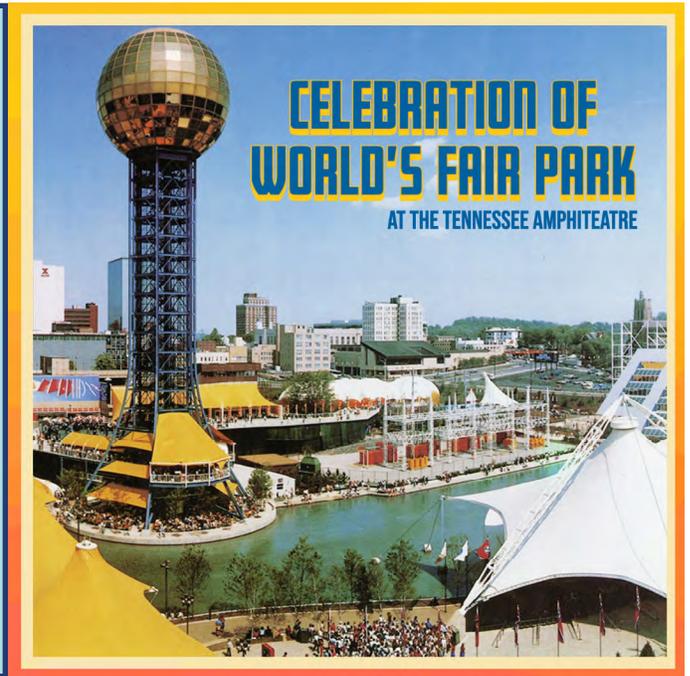


**SAVE THE DATE!**

**WEDNESDAY, AUGUST  
 3RD, 2022:  
 6:00 - 9:30PM**

**JOIN US IN AUGUST TO PARTY  
 LIKE IT'S 1982!**

<https://communitydc.wpengine.com/wfp/>



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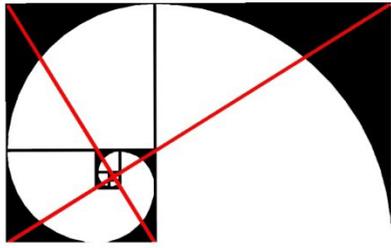


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### LOCATION:

SpringHill Suites  
5011 Aspen Grove Drive  
Franklin, TN

## SAVE THE DATE

### 2022 Regional Conference Hoedown

#### DATES TO REMEMBER:

**Welcome Reception and Registration**  
Thursday, June 23rd

**Conference**  
Friday, June 24th  
Saturday, June 25th



Hosted by:



NASHVILLE  
CHAPTER

FOR MORE INFORMATION  
email: [tiffany@nexgen-cr.com](mailto:tiffany@nexgen-cr.com)



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[CSINationalConference.org](http://CSINationalConference.org)



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