



**LOCATION:**

Brickworks Supply Center  
918 Oliver Plow Ct  
South Bend, IN 46601

**DATE & TIME:**

July 21st, 2023  
8:00 AM – 2:30PM

**COST:**

**FREE**

**\*REGISTRATION IS  
REQUIRED\***

*Lunch & Breakfast  
is included.*

5.0 AIA LU/HSW



**Friday 7.21.23**

# SOUTH BEND MASONRY DAY

The Midwest Masonry Council and The Indiana/Kentucky Structural Masonry Coalition invite you to South Bend Masonry Day held on Friday July 21st, 2023 in South Bend, IN. This program gives the design community the opportunity to learn about many masonry materials, including how to design and build better with them. Attendees will learn about International Energy Conservation Code, Masonry Lintels, Design Solution in Clay, Architectural Block Design, and Designing with Custom Cast Stone Veneer. Located at the Brickworks Supply Center 918 Oliver Plow Court South Bend In 46601. This free program will take place from 8:00 am to 2:30 pm with Breakfast & lunch included. **Please dress for ACCORDINGLY for HANDS-ON Portion**

Registration required at the following link:

<https://www.eventbrite.com/e/south-bend-masonry-day-tickets-653404840467?aff=oddtcreator>

**email:**

**Stephanie Watkins**

[swatkins@midwestmasonrycouncil.com](mailto:swatkins@midwestmasonrycouncil.com)

**317-504-3593 Office#**

**Fax# 317 -200-3834**

**Joe Alberts**

[jalberts@imiweb.org](mailto:jalberts@imiweb.org)

**317-902-0304**

## SCHEDULE

8:00 AM – 8:30 AM	<i>Registration</i>
8:30 AM – 9:30 AM	<b>International Energy Conservation Code</b>
9:30 AM – 10:30 AM	<b>Architectural Design with Cast Stone</b>
10:30 AM – 10:45 AM	<i>Break</i>
10:45 AM – 11:45 AM	<b>Think Brick! Design Solutions in Clay You Never Thought Of</b>
11:45 AM – 12:30 PM	<i>Lunch</i>
12:30 PM – 1:30 PM	<b>Masonry Lintel Design and Detailing</b>
1:30 PM – 2:30 PM	<b>Hands-On Masonry Basics</b>

## PROGRAM

### **IECC Energy Conservation Code (1 AIA LU/CES/HSW)**

#### ***Presented by Phil Santoro Architectural Sales (an Oldcastle Company)***

We review masonry wall compliance options and the exterior envelope R-Value requirements of the 2018 IECC. We examine exterior wall R-values, define, and incorporate Continuous Insulation (CI) and learn design tactics and innovation. We present new masonry wall systems that achieve superior moisture management, higher R-values, zero lot line capability, faster construction, pre-installed air barriers and comply with the 2018 IECC.

### **Architectural Design with Cast Stone (1 AIA LU/CES/HSW)**

#### ***Presented by Matt Maier, CSI- Regional Sales Representative (Custom Cast Stone).***

Attendees will have a clear understanding of Cast Stone; how it is produced and how it differs from associated materials; the various applications of Cast Stone for residential, commercial, municipal, educational, and other uses; design recommendations as well as anchoring details and inherent sustainable attributes of Cast Stone and LEED.

### **Think Brick! Design Solutions in Clay You Never Thought Of (1 AIA CEU HSW/SD)**

#### ***Presented by Shannon Riley Perry, Territory Sales Manager and National Marketing Coord. (Interstate Brick)***

Explore the many facets of brick applications and wall systems. One of the oldest building materials known to man, clay has evolved with the millennia while also staying the same. Celebrate the history and evolution of brick use around the world. Explore purposes of brick as a thin unit, full bed unit, structural unit, and paver. Explore various brick wall systems including panelized, curtain wall, and perforated wall. Consider brick as solutions for sustainability, resiliency, and safety. Discover creative ways to incorporate sizes, textures, shapes, and patterns. Watch masons use augmented reality assistance to accurately install parametric walls.

## Masonry Lintel Design and Detailing (1 AIA LU/HSW)

**Presented by Scott W. Walkowicz, PE, FTMS, NCEES.**

Model Building Codes, such as the International Building Code (IBC), and its referenced masonry standards, the TMS 402 'Building Code Requirements for Masonry Structures' and TMS 602 'Specification for Masonry Structures' include minimum and life safety requirements for building construction, and they also contain provisions related to what is required to be shown in construction documentation. This presentation discusses documentation requirements in the IBC and the masonry standards with regard to what must be included, who should include it and how the requirements affect responsibility among the parties to construction of masonry.

## Hands-On Masonry Basics (1 AIA LU/HSW)

**Presented by Joe Alberts, International Masonry Institute.**

The intent of this program is to provide Architects, Engineers, Code Inspectors with an enhanced ability to design/analyze the constructability of a typical masonry wall by observing proper installation techniques. A station will allow designers to physically apply mortar to bricks and build a wall with the help of masonry instructors to further develop their understanding of the skill and craft involved. \*Subject To Change

