## Target Audience – Engineers only

### Learning Objectives –

- Review dowels and laps in masonry walls
- Discuss bearing plates
- Review tension and shear connections to walls

### A short introduction to connections to masonry including:

- connections for hybrid masonry design
- connections to the face of masonry walls
- bearing plate
- embed plate design

## Presenter Bio – Cathleen Jacinto, SE, PE

Cathleen has 16 years of experience in the design industry as a structural engineer. A seasoned project manager and team leader, Cathleen collaborated on a variety of building design projects while at Thornton Tomasetti and T.Y. Lin International in Chicago, Illinois. Her resume includes small to large-scale project types in healthcare, aviation, commercial, infrastructure, cultural, and steel connection design located in the U.S. and abroad. Since joining FORSE in May 2015, Cathleen provides structural engineering design, modeling, and detailing services in collaboration with other structural engineering firms. Her solid knowledge base of various building materials, including steel, masonry, concrete, and wood contributes to FORSE's designs, seminars, and publications. She serves as a technical consultant to the Illinois Structural Masonry Coalition. One topic Cathleen highlights is structural masonry analysis and design. Cathleen also currently holds the position of Technical Consultant with SE Solutions, LLC where she provides technical input to structural engineering webinars as well as writes technical documents that serve as resources for the practicing structural engineering community. Cathleen has a Professional Masters in Structural Engineering from the Illinois Institute of Technology and a Bachelor of Science in Civil Engineering from the University of Illinois Urbana-Champaign. She is a licensed Structural Engineer (SE) and Professional Engineer (PE) in the State of Illinois.

**Request a Lunch & Learn by contacting the Masonry Advisory Council**
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