

25TH ANNUAL



25TH LCI CONGRESS
OCTOBER 24-27, 2023

WELCOME

Dan Heinemeier

LCI Executive Director

25 YEARS OF LEARNING

SUPERCHARGE YOUR LEAN JOURNEY IN THE MOTOR CITY



Major Sponsors of this Year's Program



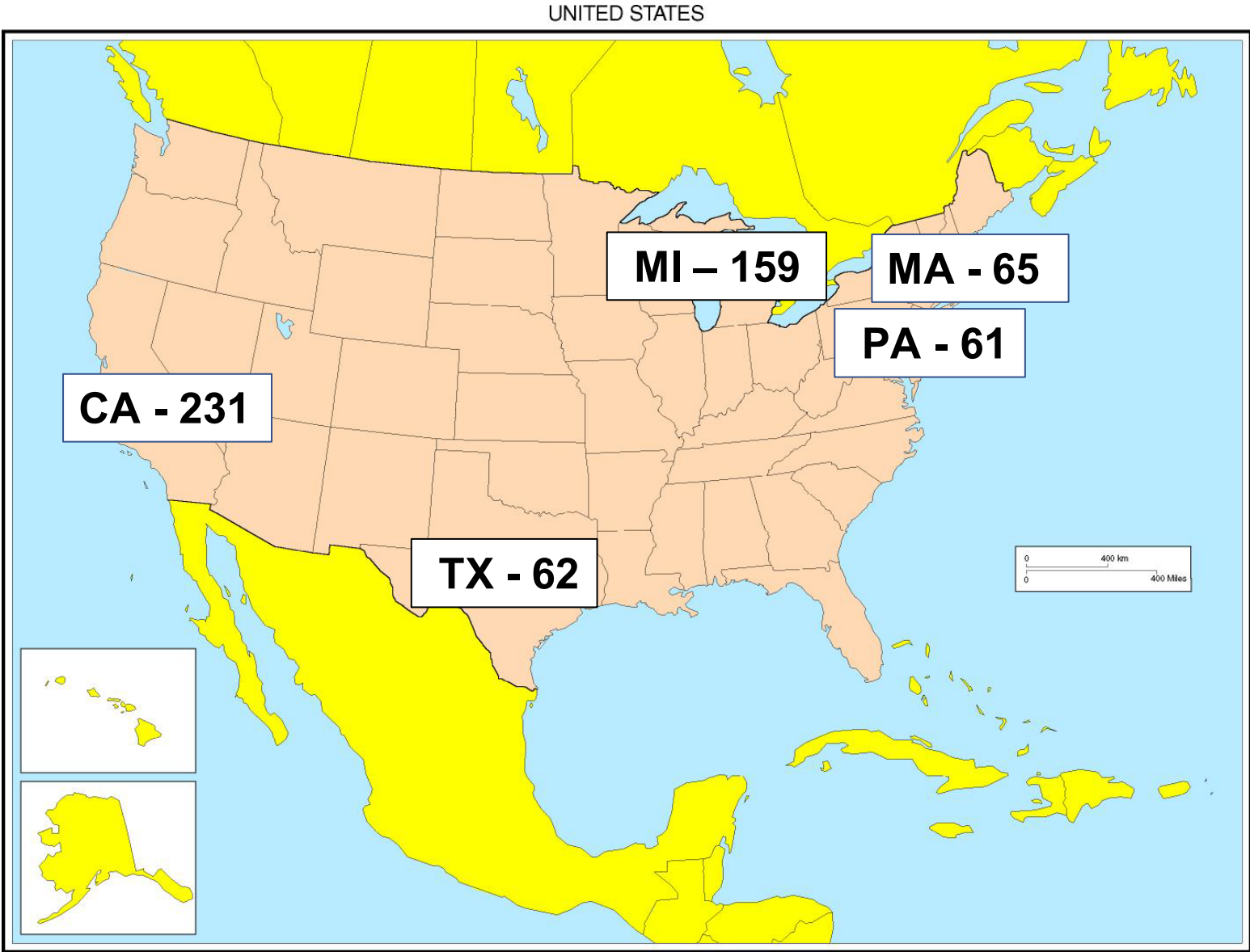
Safety

Thanks to our Congress planning team and their companies!

- Tariq Abdelhamid, MSU
- Branden Clements, Barton Malow
- Jeff Creighton, Barton Malow
- Joe Donarumo, Linbeck
- Emerson Dority, Gilbane
- Samir Emdanat, vPlanner
- Felipe Engineer-Manriquez, Boldt
- Ilene Goldberg, LCI
- Dave Hagan, Devenney Group
- Kevin Labrecque, Integration Point LLC
- John Lezotte, Commercial Contracting Corp
- John Linenberg, Walbridge
- Olivia Manous, LCI
- Rhonia Moreau, Haley & Aldrich
- Joan Piccariello, LCI
- Linda Rosati, Boldt
- Daniel Shirkey, Balfour Beatty
- Blake Tormey, KHS&S Contractors
- Michael Villar, Nevell Group



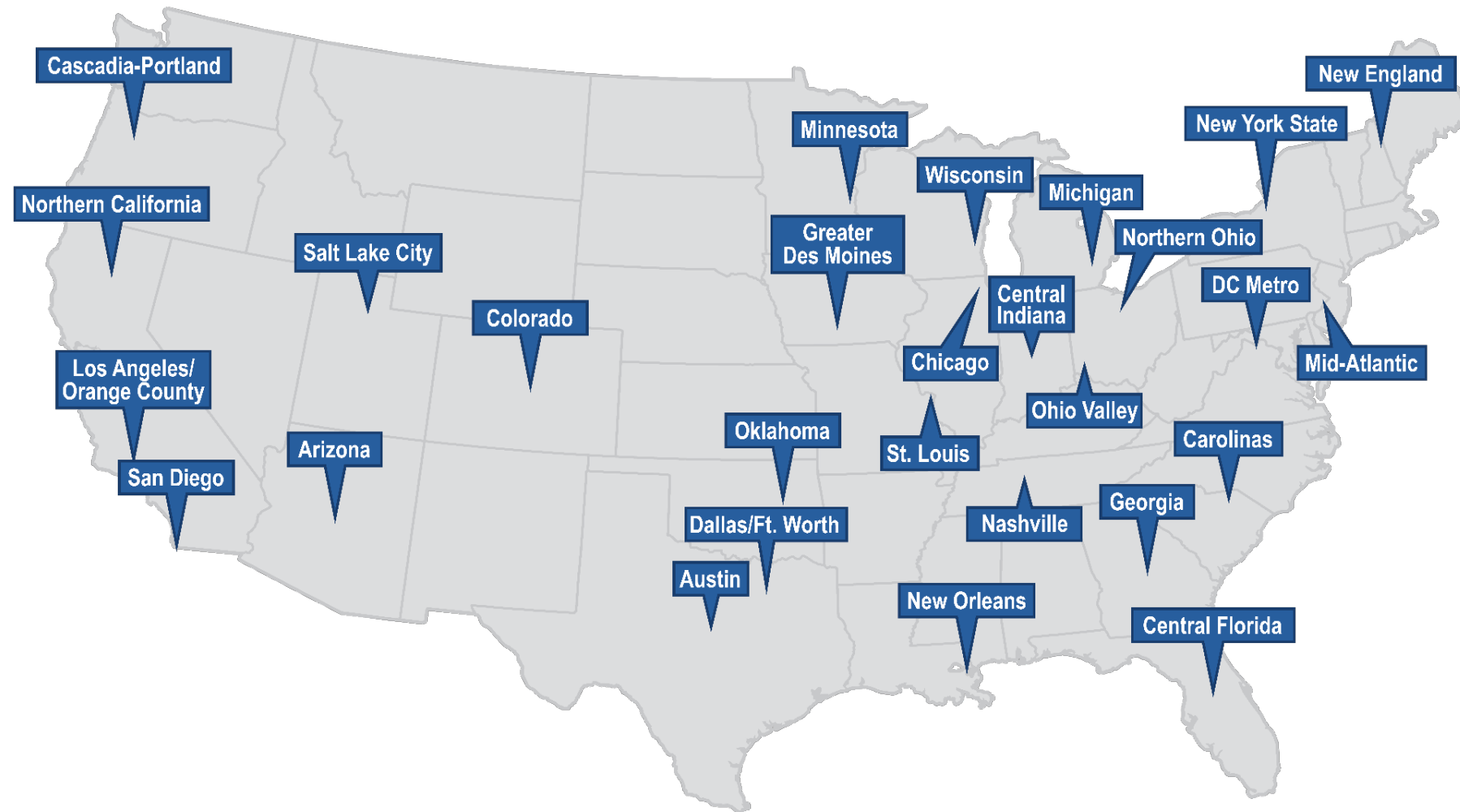
Top 5: Attendees by State here at Congress



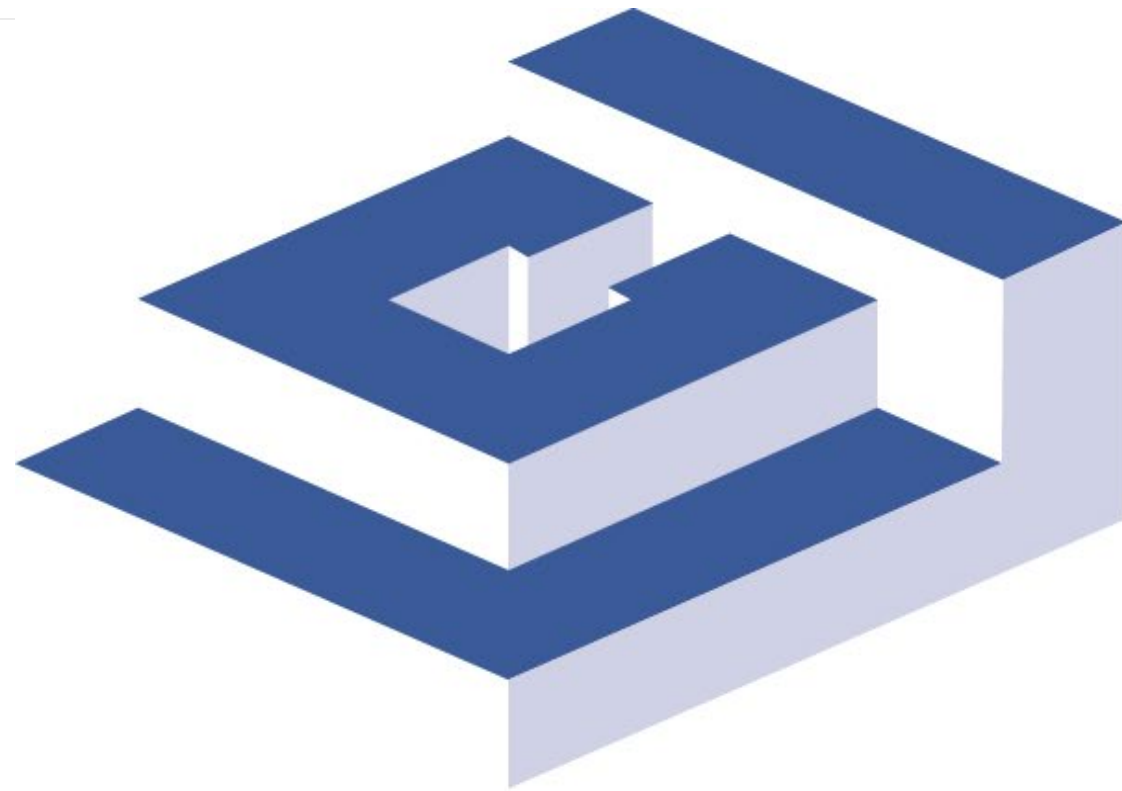
44%

Produced by the Cartographic Research Lab
University of Alabama

LCI Communities of Practice



SEE WWW.LEANCONSTRUCTION.ORG FOR COMPLETE COP INFORMATION



Lean Construction Institute

LEAN CERTIFICATION



Thanks to Our SMEs/Candidate Evaluators

- Amr Abdel-Azim, Michigan State University
- Sagata Bhawani, CA State University - Fresno
- Katherine Copeland, Sharp & Dohme Corp.
- Virginia Cosgriff, McGough Construction
- Dan Fauchier, ReAlignment Group of CA
- Sergio Garcia, Procter & Gamble
- Kristin Hill, LCI
- Ken McBroom, McCarthy
- Tammy McConaughy, CRB Group
- Kristin Moreland, Cherry City Electric
- Henry Nutt, III, Southland Industries
- Christian Pikel, Realignment Group
- Tom Richert, Rising Terrain
- Rebecca Snelling, RS Consulting
- Jeremiah Sugarman, JE Dunn
- Annmarie Thurnquist, Jacobs
- Katie Wells, Brasfield & Gorrie
- John Zachara, Integrated Facilities Solutions



Recent Certificants

- Celebrating our recently certified candidates:
Leandris Weeden, Layton Construction, Emily Lowe, Butz Family of Companies, Ray Lota, Kaiser Permanente, and Jeremy Atkinson, Landis Construction
- 500+ other applicants currently in the certification process pipeline
- New design certification – in process

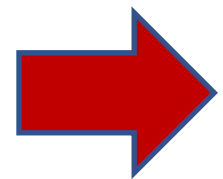


Start Your Certification Journey

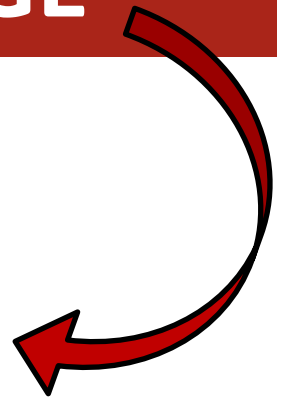


LCI Manager, Strategic Partnerships

**MORE INFO? SEE QR LINK ON
BACK OF YOUR BADGE**

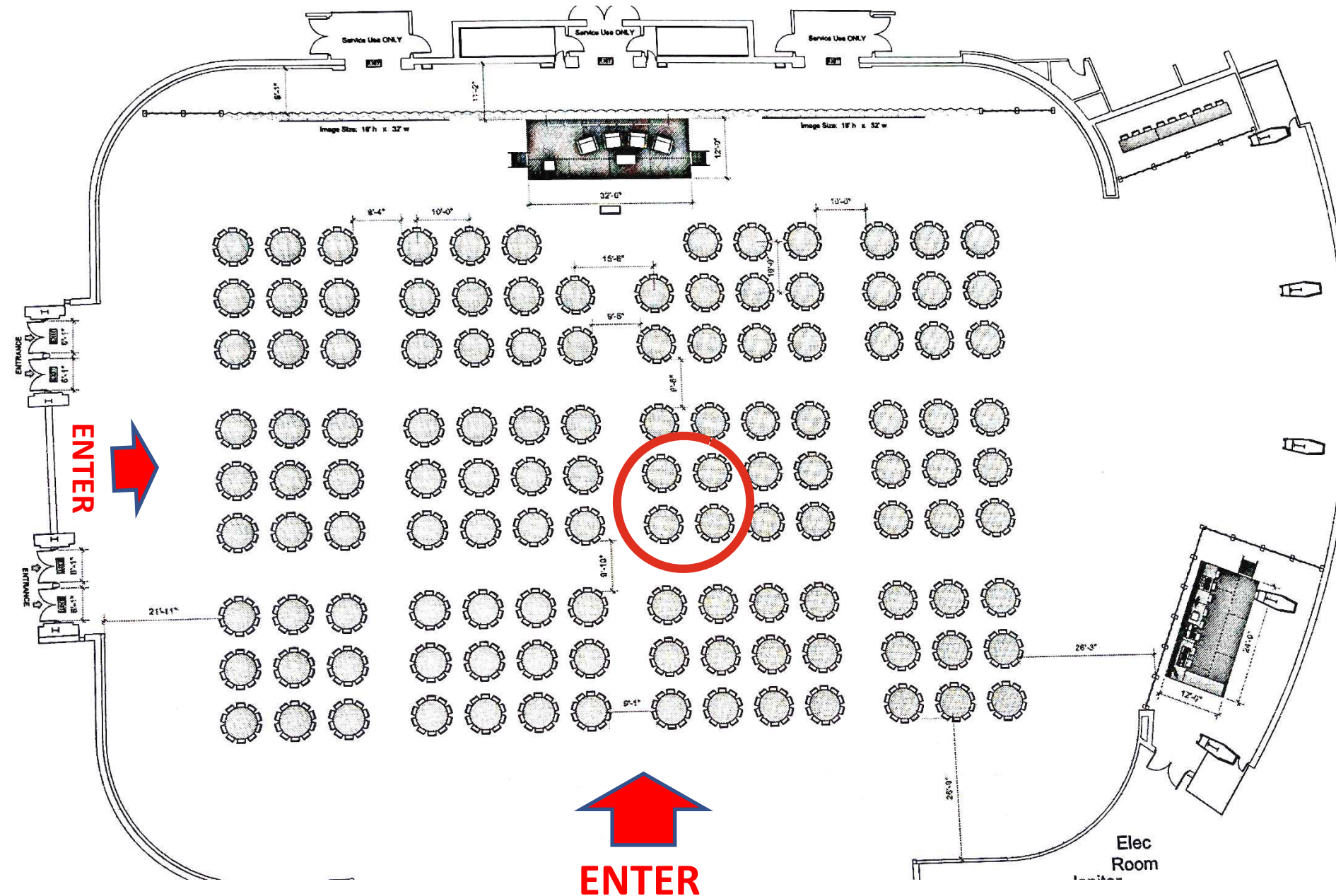


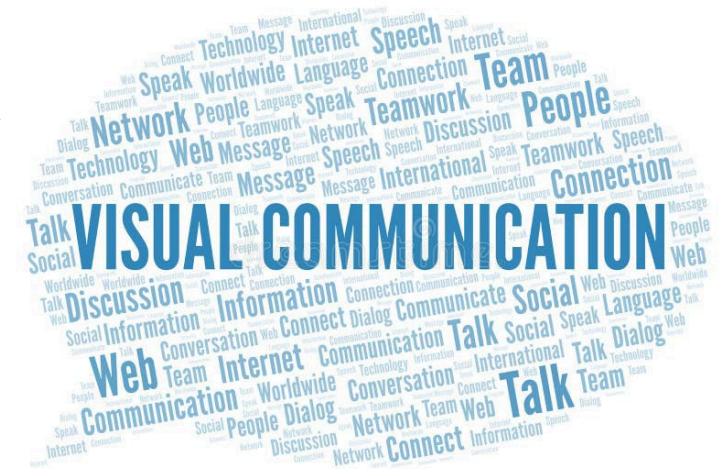
**Join Ilene Goldberg Wednesday
at 2:00pm (Room 252AB) for an
introductory session about
certification.**



Special opportunity for trade partner attendees

Thursday
Lunch -
12:30 pm





What's new at LCI this year?



Online Lean Assessment Tool



Now accessible on LCI Website:

- 20-question online assessment of the status of your Lean Journey
- Three versions: assess Individuals, Teams, or Organizations
- Provides additional learning resources for each question
 - Brush up on topics on which you'd like more information
 - Resources drawn from various groups – not just LCI
- Assessments are completely anonymous



LCI Jobsite Posters Series

- Purpose:
 - Highlight key Lean concepts and terms
 - Outline the benefits and emphasize standard approaches to deployment
- Available free to LCI members:
 - Use e-files to print any size/quantity
 - Access files via *Member Hub* on website
 - 6 posters available now



WHAT IT MEANS TO BE

Lean

#1 OF AN INFORMATIONAL POSTER SERIES FROM THE LEAN CONSTRUCTION INSTITUTE FIND OUT MORE AT WWW.LEANCONSTRUCTION.ORG

Continuous Improvement

Lean thinking demands a mindset of CONTINUOUS IMPROVEMENT.

PLAN: Identify the opportunity and plan a change.

DO: Test the change at a small scale.

CHECK: Review the outcome, analyze the results, identify what was learned.

ACT/ADJUST: Take action based on the learning of the check step; if satisfied with the results—continue to implement the change, if not satisfied—begin the cycle again identifying a new plan to test.

Respect for People

The MOST CRUCIAL of LCI's Six Tenets; it means that Team Members:

✓ Opinions are heard and considered

✓ Decisions made after considering their impact on people

✓ Consider personal & professional well-being

✓ Trust the people around them & encourage to succeed

Optimizing the Whole

VALUE OPTIMIZATION encourages looking beyond the local and individual efforts to study the overall outcome in determining where value is added, or waste can be eliminated.

Generating Value

If it is not something the client is willing to pay for, it is NON-VALUE ADDED...and therefore should be eliminated, simplified or reduced.

—“The Toyota Way” by J. Liker

Focus on Flow

CREATING FLOW Using “pull” to organize processes so that work progresses through the system smoothly and without interruption.

Define Waste

WASTE is any activity that requires time or resources but does not create value as defined by the customer.

Eight Types of Waste:

✓ Over/Under Production

✓ Waiting

✓ Unnecessary Transportation

✓ Over Processing

✓ Excess Inventory

✓ Unnecessary Motion

✓ Defects

✓ Unused Creativity of Team Members (Not listening/Not speaking up)

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Transforming Design and Construction

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“What it Means to be Lean” Jobsite Posters

WHAT IT MEANS TO BE

Lean

#2 OF AN INFORMATIONAL POSTER SERIES FROM THE LEAN CONSTRUCTION INSTITUTE FIND OUT MORE AT WWW.LEANCONSTRUCTION.ORG

Sort (Evaluate)

Eliminate that which is not needed.

Straighten (Orderliness)

Organize what remains after sorting.

Shine (Cleanliness)

Clean and inspect the work area.

Standardize (Create standards)

Develop systems/procedures to maintain and monitor the first 3 S's.

Sustain (Self-discipline)

Maintain a stabilized workplace through continuous improvement.

5S REVIEW

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WHAT IT MEANS TO BE

Lean

#3 OF AN INFORMATIONAL POSTER SERIES FROM THE LEAN CONSTRUCTION INSTITUTE FIND OUT MORE AT WWW.LEANCONSTRUCTION.ORG

RULES OF ENGAGEMENT

🛡️

This is a safe zone

Physically & Psychologically

👥

Everyone has equal status

Leave Rank at the Door

🗣️

Speak up & share your ideas

Let All Voices Be Equal

👂

Actively listen to others

Focus & Understand What's Being Said

💬

One conversation at a time

No Sidebar Conversations

➡️

Use E.L.M.O.

Enough, Let's Move On!

📵

Silence phones

Place On Vibrate Only

📢

Be focused & engaged

Let All Voices Be Heard

🕒

Stay on time

Start & Stop On Time

😊

Have Fun!

When We Have Each Other's Backs, Problem Solving Together Is Fun!

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WHAT IT MEANS TO BE

Lean

#4 OF AN INFORMATIONAL POSTER SERIES FROM THE LEAN CONSTRUCTION INSTITUTE FIND OUT MORE AT WWW.LEANCONSTRUCTION.ORG

D

Defects

Production of effective parts, work or information that causes work to be scrapped or redone.

O

Over/Under Production

Not producing the right work at the right time in the right amount as needed by the downstream work.

W

Waiting

Time when work in-progress or people are waiting for the next step in the process.

N

Not Utilizing Talent

Losing time, ideas, skills, improvements and learning opportunities by not engaging or listening to teammates.

T

Transportation

Creating inefficient movement of materials or information into or out of storage or between processes.

I

Inventory

Materials, information, or work-in-progress in quantities that create an excess or hidden buffer.

M

Motion

Unnecessary movement by people, or movement that does not add value.

E

Extra Processing

Taking unnecessary steps in a process.

8

WASTES

LCI is proud to partner with companies who are transforming the design and construction industry through Lean project design and delivery, who share our vision of a healthy & thriving building industry delivering outstanding project outcomes every time.

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“What it Means to be Lean” Jobsite Posters

WHAT IT MEANS TO BE

Lean

#5 OF AN INFORMATIONAL POSTER SERIES FROM THE LEAN CONSTRUCTION INSTITUTE FIND OUT MORE AT WWW.LEANCONSTRUCTION.ORG

LAST PLANNER SYSTEM®

LPS® is designed to produce predictable workflow and rapid learning.

5 CONNECTED CONVERSATIONS:

LEARN

SHOULD

Milestone

Planning

Set Milestones

CAN

Phase Pull

Planning

Specify Handoffs

WILL

LookAhead

Planning

Make Work Ready

DID

Weekly Work

Planning

Make Promises

Learning

PPC/Variance

Daily Huddle:

What *did* I complete yesterday?
What *will* I complete today?
What needs to be *re-planned*?
How can we *improve* future planning?

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WHAT IT MEANS TO BE

Lean

#6 OF AN INFORMATIONAL POSTER SERIES FROM THE LEAN CONSTRUCTION INSTITUTE FIND OUT MORE AT WWW.LEANCONSTRUCTION.ORG

GEMBA WALK

Go firsthand to where the work is done. See and understand: How it's done, the challenges, and opportunities to improve.

1

Go to the place of the process

2

Observe & talk with the people

3

Look for the 8 Wastes

4

Map & document the observations

RETROSPECTIVE CONSIDERATIONS:

If you're doing something that's not working for you,
STOP
doing it.

If you're doing something that's working for you,
KEEP
doing it.

If there's something that might work for you if you did it,
START
doing it and see what happens.

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Membership Update



Lean Jobsite Posters – see Maryann



Membership Survey Reminder



Update or Create a MyLCI Account



Member Hub Tours



Member Advisory Group



*Stop by the Information Desk and ask **Maryann Fiala** for more information*

LEAN IN DESIGN FORUM

MAY 1-2, 2024 · CHICAGO, ILLINOIS

SAVE THE DATE

leanconstruction.org/designforum24/
#LCIDesign24



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SAVE THE DATE

26TH LCI CONGRESS

OCTOBER 22-25, 2024
SAN DIEGO, CA



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OCTOBER 24-27, 2023

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2023 ANNUAL CONFERENCE CHAIR

Jeff Creighton
Barton Malow

25 YEARS OF LEARNING
SUPERCARGE YOUR LEAN JOURNEY IN THE MOTOR CITY





In Appreciation

JEFF CREIGHTON
Barton Malow Company

Chair, LCI Congress 2020
(Virtual)
and

LCI Congress 2023
(Huntington Place, Detroit)



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