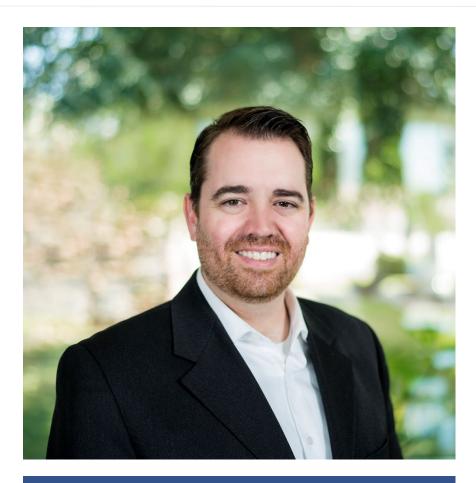


Introduction and Background



Eric Ubersax

Executive Director Devenney Group



Scott Rasmussen

Director of Architecture Devenney Group

© LEAN CONSTRUCTION INSTITUTE

Problem Statement

Planning in design is different from planning in construction. "Iterations" in construction can be **costly and disruptive**. Iterations in Design yield additional information adding to certainty.

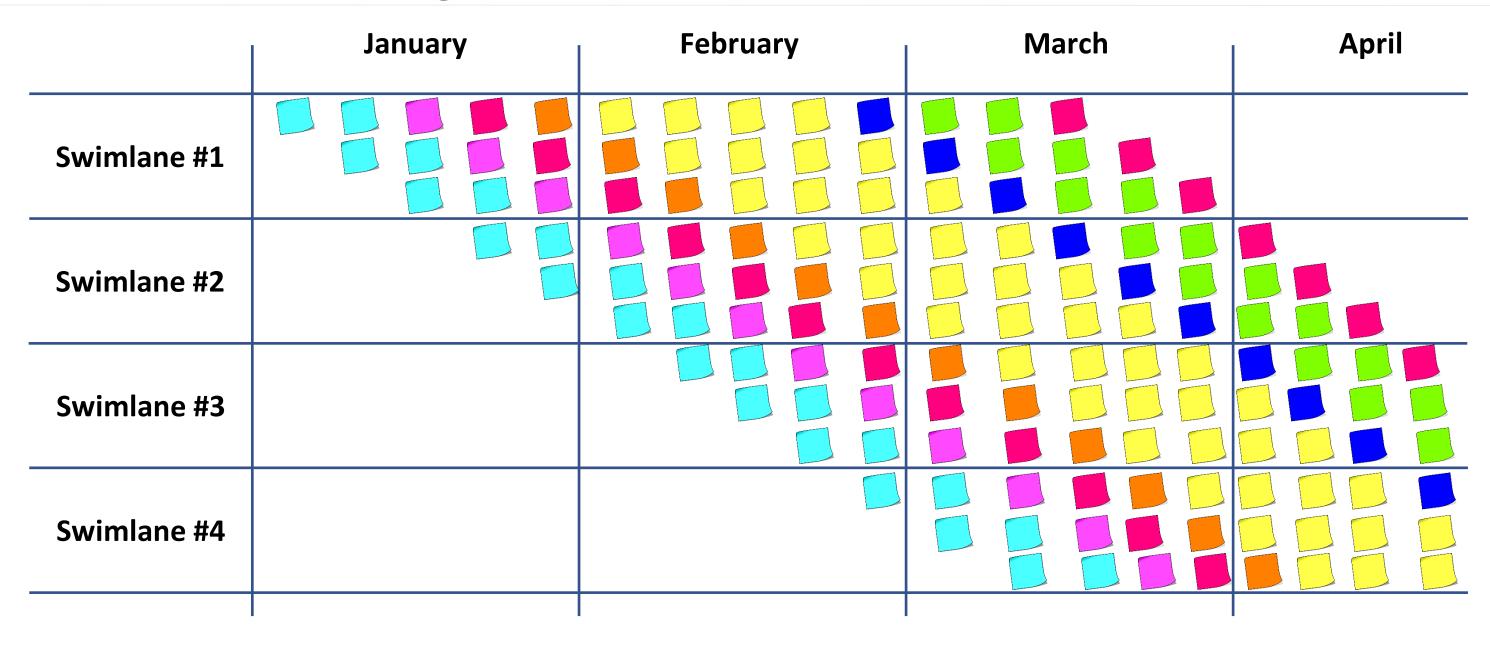
By initially focusing on flow rather than dates and durations, we can better ensure proper handoffs while promoting a **collaborative process** and a **culture of accountability**.



Pull Plan in Construction

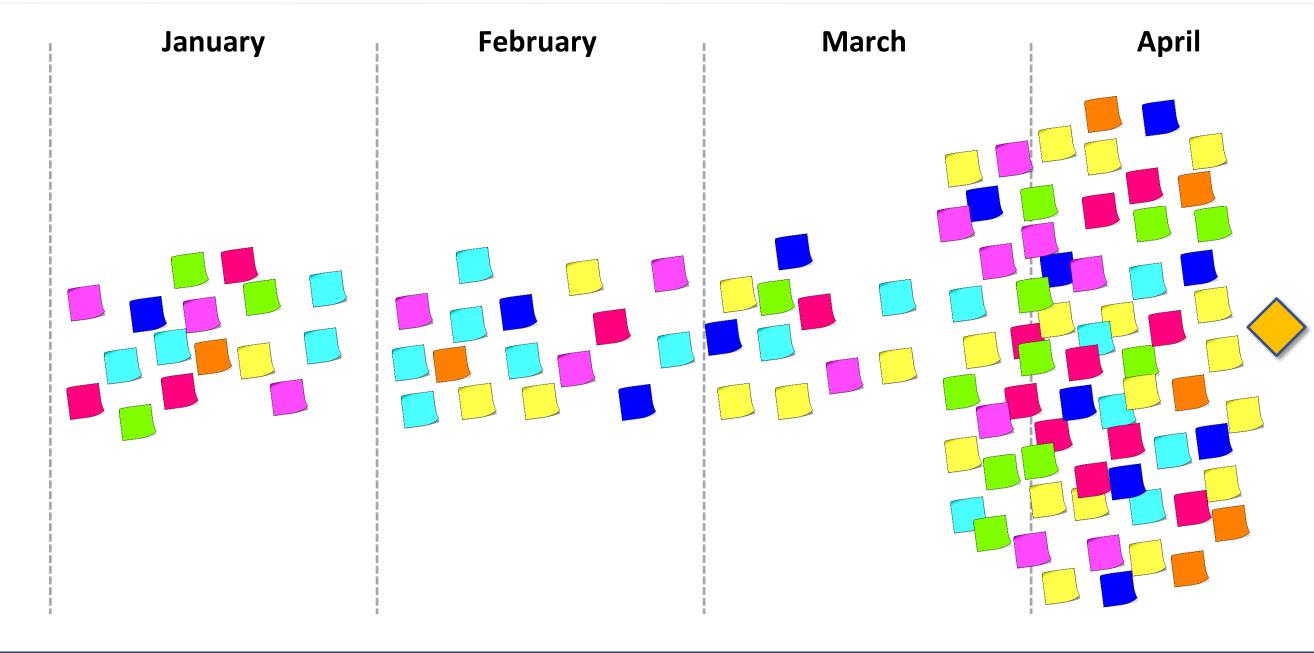
	January	February	March	April
Swimlane #1				
Swimlane #2				
Swimlane #3				
Swimlane #4				

Pull Plan Showing Flow in Construction

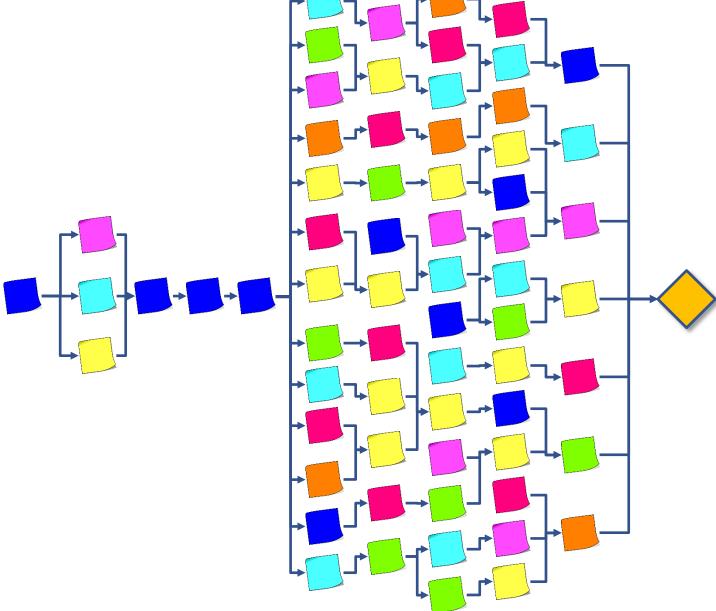


5

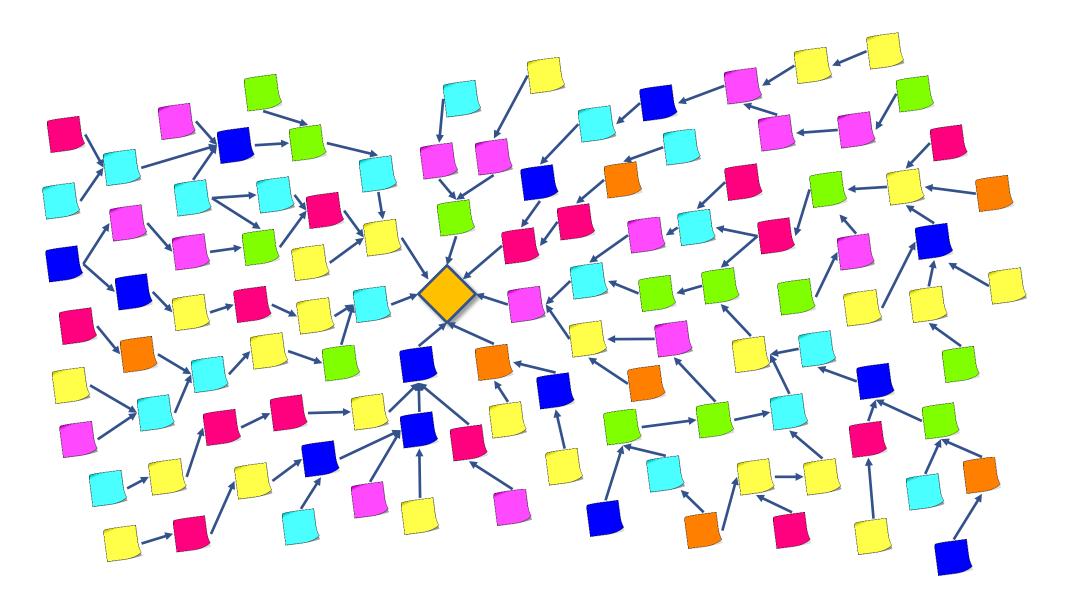
Typical Pull Plan in Design (Following Construction Mentality)



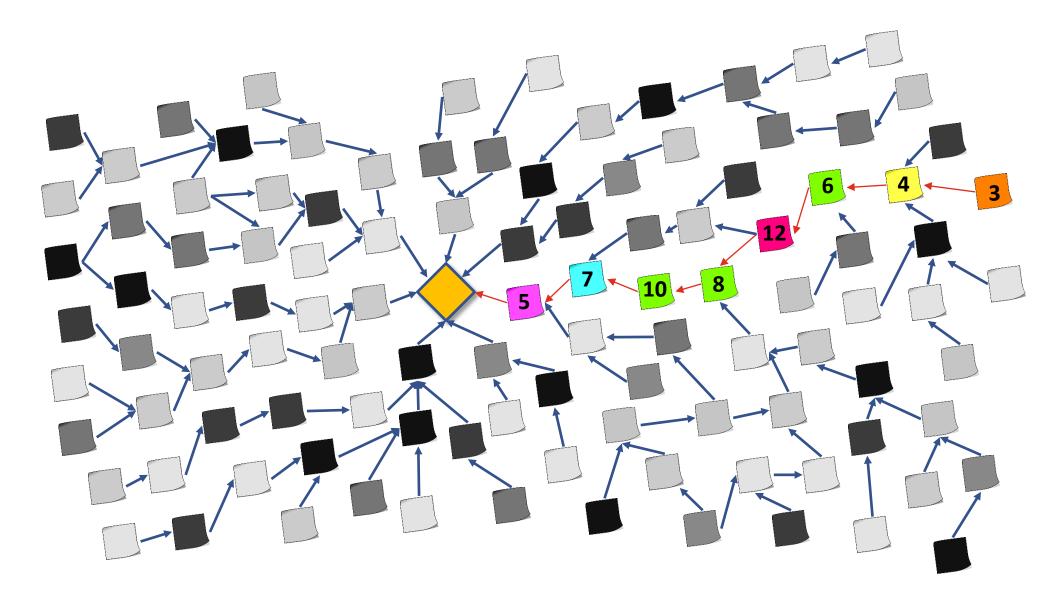
Pull Plan in Design (Left to Right Pull...Attempting Flow)



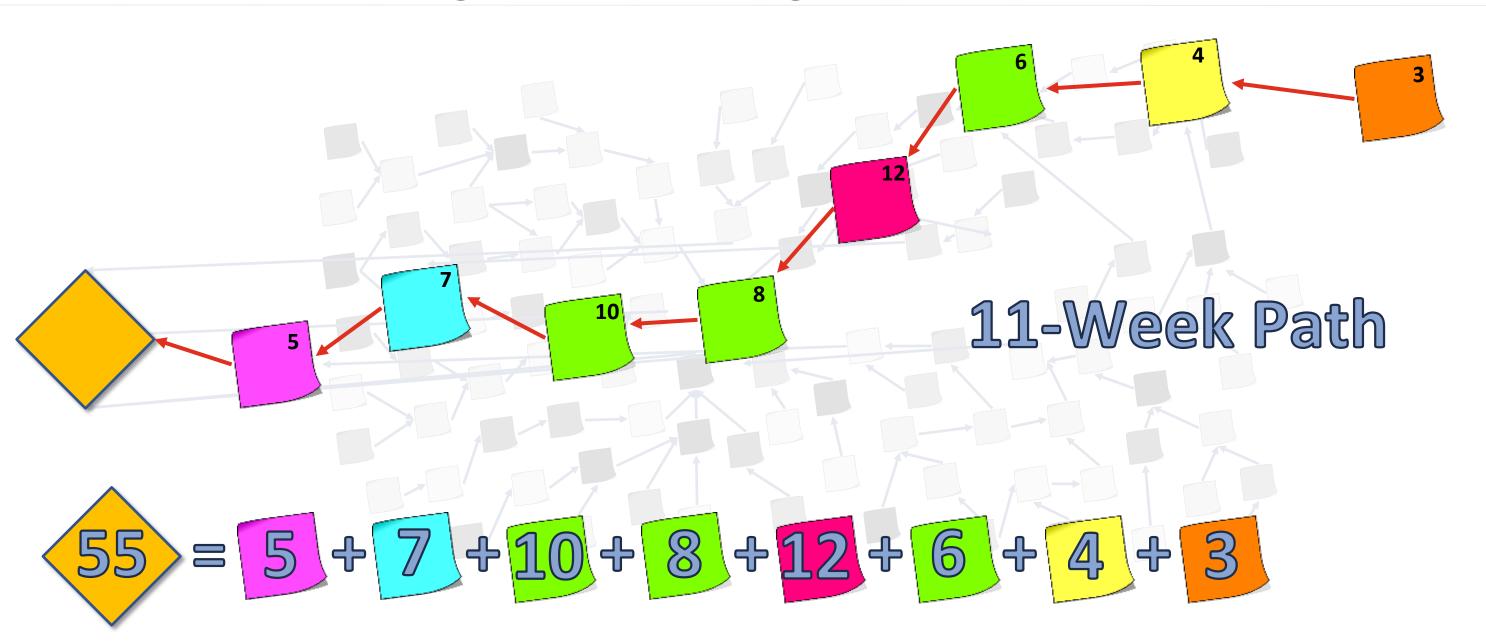
Pull Plan Creating Flow in Design (Middle Out)



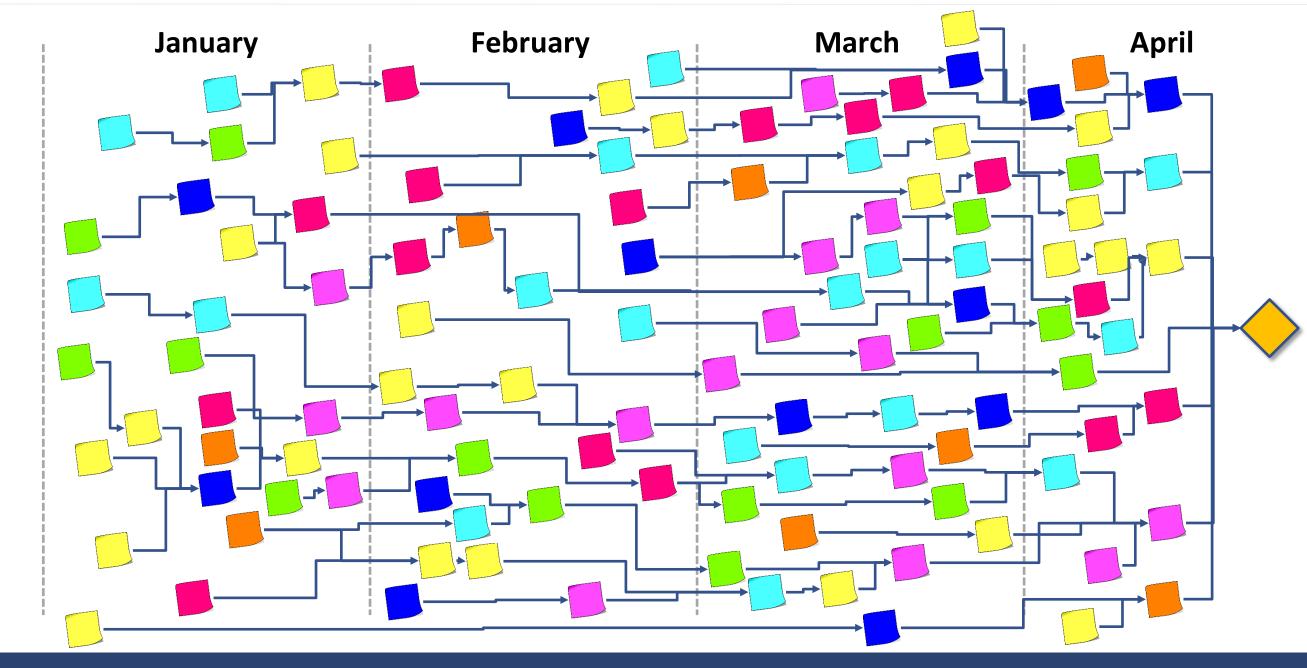
Pull Plan Creating Flow in Design (Middle Out)



Pull Plan Creating Flow in Design (Middle Out)

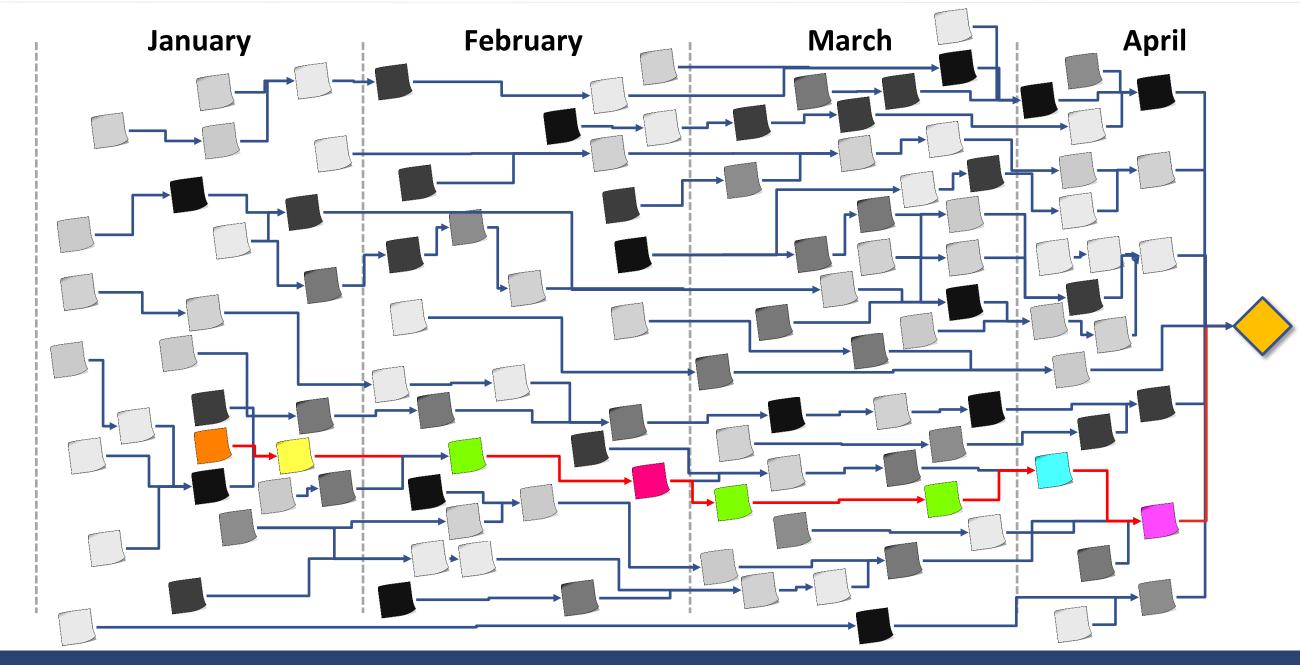


Typical Pull Plan in Design (Following Construction Mentality)



© LEAN CONSTRUCTION INSTITUTE

Typical Pull Plan in Design (Following Construction Mentality)



12

How can you apply this tomorrow?

Tools, without a meticulously executed process, are like having a compass without a map.



Identify what milestone you're going to pull a week in advance



Request "homework" identifying deliverables and constraints 1-2 days before the pull



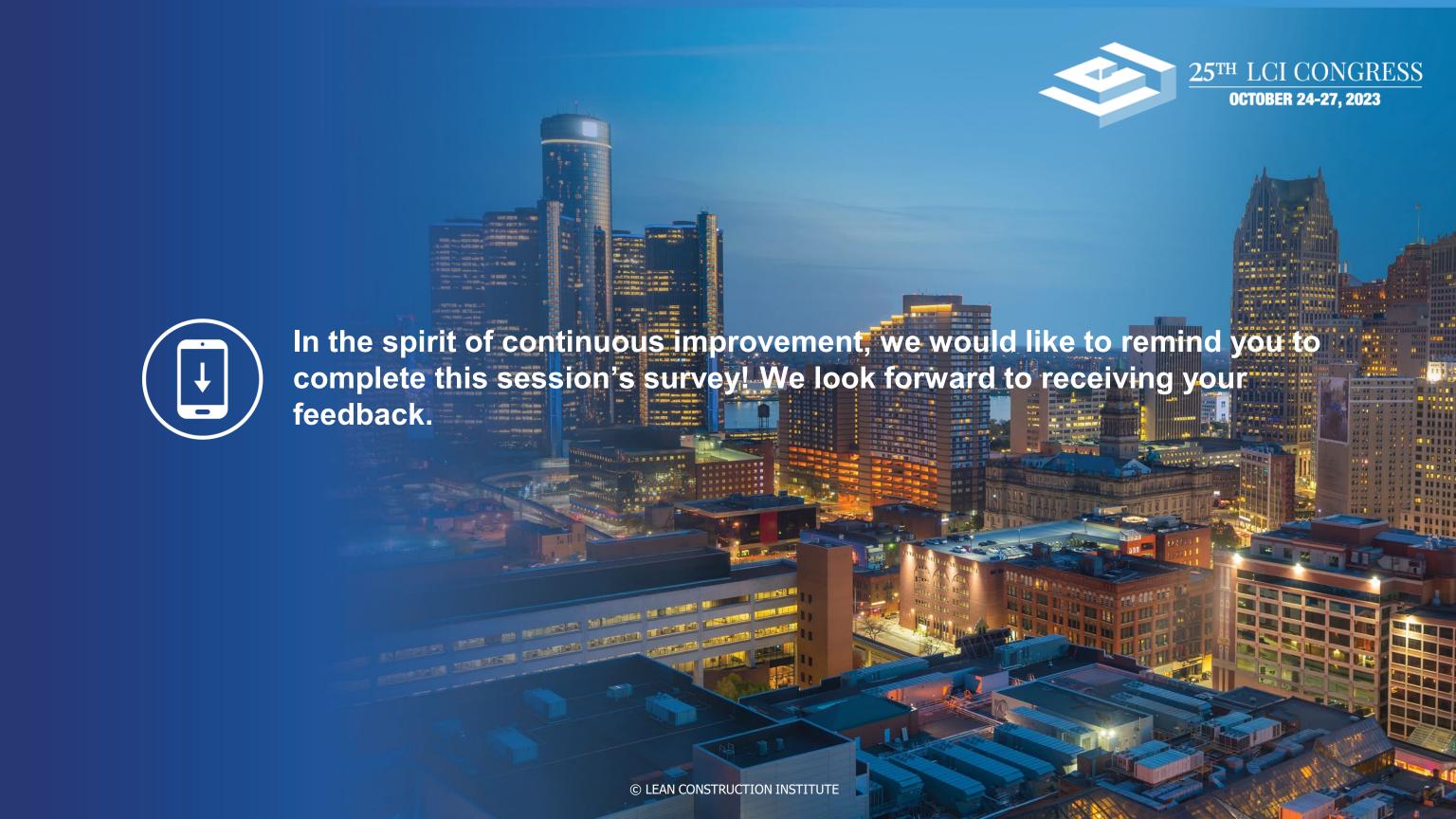
Pre-populate your stickies if you can



Ignore dates in the first pull



Focus on the flow of decisions and the layering of information



Contact Us

Eric Ubersax

Devenney Group

eubersax@DevenneyGroup.com

Scott Rasmussen

Devenney Group

srasmussen@DevenneyGroup.com

