Northern California Chapter / Bay Area Meeting

Monthly Meeting Agenda

May 10, 2017

1. Mixer Time
2. Self Introductions
3. Main Topic: **Pull Planning Workshop**
4. Key Takeaways & Questions
5. Training opportunities, coming events
6. Plus/Delta
TONIGHT’ S PRESENTATION

Pull Planning Workshop

5:00 to 5:15 – Mixer

5:15 to 5:30 – Self-Introductions

5:30 to 6:30 – Feature Presentation

6:30 to 6:50 – Key Take aways - Questions

6:50 to 7:00 – Closing Remarks, Plus/Delta
Push Planning vs Pull Planning

Pushing Planning = Work is pushed into production based on predetermined completion dates, regardless of whether workers are ready to start production of the work.

- Planning typically done for projects at Bid
- Usually only the Superintendent, Project Manager and Estimator are involved
- Process is non-collaborative with trades

Pull Planning = Introduces additional workload to the production process only when that work can be properly performed.

- Planning starts from a milestone and is worked backwards
- Collaborative planning process
- Team identifies their needs and negotiate activities and completion stages and dates with the other members of the project team
Projects As Networks of Commitments

Get

Give

Get

Give

Get

Give

Get

Give

Get

Give

Production Target
Pull Planning Simulation

Elements of “I Get / I Give” Card

- Your company name, scope or discipline
- What you need from others to produce your deliverable
- Your estimate of how much time you’ll need to for the work – assuming you don’t have to wait

Card #
Dates you’ll start and finish
What you will deliver (don’t just describe the work you’ll be doing)
Customer card #
Pull Planning Simulation
Pull Planning Simulation

Customer Invitation Method

The customer always invites the supplier to place a card that represents what they need and when they need it.

Each supplier becomes a customer and the process continues until all cards are placed.

Pre-Planning Discussion

• Who should go first?
• What is the best sequence – building from the inside or outside?
• Where and how should the pieces be placed? Quantity?
• What if a piece is delivered late? What can you do?
Pull Planning Simulation

Planning

- The top of the structure is the red triangle, so the red contractor will be the last to place a block.

- To fulfill the “give” he/she committed to, the red contractor now should invite the contractors he/she first needs material from to create their own “I get/I give” card.

- The subsequent contractors place their cards to the left of the red contractor’s card.

- The plan is complete when all the blocks needed to make the structure are accounted for.
BUILD YOUR PLAN
1\textsuperscript{st} Round – Key Takeaways

2\textsuperscript{nd} Round – Questions
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Transforming Design and Construction: A Framework for Change

WILLIAM R. (BILL) SEED, Executive Editor

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Kristin Hill, Katherine Copeland and Christian Pikel  
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REMINDES & FYIs

Monthly Meeting program

• *The Business Case for Lean* | June 14, 2017
  • Embassy Suites, 1345 Treat Blvd, Walnut Creek

• Combined meeting in Walnut Creek Jan, Apr, Jul & Nov, 5:30pm-8:30pm
• Separate Bay Area and Central Valley meetings the 2nd Wed of the month 5pm-7pm Feb, Mar, May, Jun, Aug & Sep
19th Annual LCI Congress | October 16-20, 2017

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Lean Construction Institute
Transforming Design and Construction
Plus / Delta - Feedback to improve meeting

Thanks!
Adjourned – Drive Injury Free

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