Lean Construction Reforming Project Management

2001

Announcing Our Latest Seminar–October 18-19, 2001

Introduction to Lean Construction

A new way to manage designing and building

October 18 & 19, 2001 • Windham Drake Hotel, Oakbrook IL

What is Lean Construction?

Lean Construction is a production management based approach to project delivery; a new way to design and build capital facilities. Lean production management has caused a revolution in manufacturing design, supply and assembly. Applied to construction, Lean changes the way work is done throughout the delivery process. "Introduction to Lean Construction" links the objectives of the production system –maximize value and minimize waste–to specific techniques and applies them in a new project delivery process. Lean Construction is particularly useful on complex, uncertain and quick projects. It challenges the belief that there must always be a trade between time, cost, and quality.

- The facility and its production are designed together to better reveal and support customer purposes. Positive iteration within the process is supported and negative iteration reduced.
- Work is structured throughout the process to maximize value and to reduce waste at the project delivery level.
- Efforts to manage and improve performance are aimed at improving total project performance because it is more important than reducing the cost or increasing the speed of any activity.
- "Control" is redefined from "monitoring results" to "making things happen." The performance of the planning and control systems are measured and improved.
- The reliable release of work between specialists in design, supply and assembly assures value is delivered to the customer and waste is reduced.

The Lean Project Delivery System emphasizes the reliable and speedy delivery of value. It challenges the belief that there is always a trade between time, cost, and quality.

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Who Should Attend?

Lean construction is not a productivity improvement program. Instead, it is a new form of project management that applies production management principles to the process of designing and building. The seminar introduces lean theory along with essential features and tools needed to manage production throughout the project. Typical attendees represent companies looking beyond partnering or TQM to redesigning their processes to support design/build contracting. We suggest designers, contractors, and suppliers considering this approach send two representatives; a senior executive, such as the manager of operations, and a person very close to the work, perhaps as a design leader, site superintendent or foreman, or a fabrication shop manager. Owners send facilities and/or procurement managers and their construction managers. Suppliers to the industry will discover new ways to improve their products and services. After he seminar, attendees are interested in learning more and applying lean to their projects or they are not. Some may decide to join LCI to support further research, including participation in implementation; others begin implementation on their own or with consulting support. We return the seminar fee to those who see no value in the ideas or from the seminar.

About the Lean Construction Institute

LCI was formed in August 1997. Now a nonprofit corporation, we are working to develop knowledge concerning the management of production in the design, engineering, supply, and construction of capital facilities, and to support implementation of the results. We conduct research with contributors and our own staff, and support research in related universities.

For more information on The Lean Construction Institute, please visit our web site at: www.leanconstruction.org

Agenda

Introduction to Lean Construction

8am–4:30pm, Thursday, October 18

- Introduction of LCI and instructors
- Dependency, Uncertainty and Workflow
- The Last Planner System of Production Control
- The Lean Project Delivery System: an overview

8am–4:30pm, Friday, October 19

- Metal Doors: A Case Study in Work Structuring
- The Lean Project Delivery System: A closer look
- Implementation
- Putting it all together

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Coming Events

Visit www.leanconstruction.org for more information.

Sept 27/28, 01 **Research Meeting: Design Management - Kansas City, MO*

Oct 18/19, 01 Introduction to Lean Construction - Oakbrook, IL

Nov 8/9, 01 **Implementation Support - Denver, CO*

Jan 17/18, 01 Introduction to Lean Construction - Dallas, TX

* *Lean Construction Institute members and guests only*

Registration Information

Introduction to Lean Construction:

$1,200 (25% off for additional attendees; plus 10% off registrations received 30 days before seminars.)

$400 - LCI Contributors, and their demand and supply chain affiliates; no discounts apply

Registration Payment by check, Visa or Mastercard.

Include Card Number, cardholder name and signature.

Send to: Lean Construction Institute
Box 1003, Ketchum, ID 83340
VOICE: 208/726-9989 • FAX: 707/248-1369
wwwleanconstruction.org
lean@leanconstruction.org - Send us a note and receive announcements by email.

Location: Windham Drake Hotel
2301 York Road, Oakbrook, IL 60523
(630) 574-5700

Please contact the hotel for accommodations.
Ask for the Lean Construction Institute Program rate.
(Call early–special rates available until 9/24)

A continental breakfast is provided at 7:30.

Sessions begin at 8:00 and close each day at 4:30.

A Workbook, breaks and lunch are provided.

Cancellation: Accepted and fee refunded until 2 weeks before seminar, $150 cancellation fee thereafter.

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Seminar Registration Form

Name_____

Company_____

Address_____

City_____State _____ Zip_____

Phone _____ Fax _____

Email _____

VISA/MC (circle one)

Card #_____Exp_____

Cardholder Name_____

Signature _____