

# Rebecca Snelling

## JE Dunn Construction

#LeanLPS

Organiza y promueve

Promueve

ITeC



The Change Business Ltd  
developing people + delivering projects



Patrocina



Media Partners



infoconstrucción



DPA ARQUITECTURA

BIM Community

Con la colaboración de



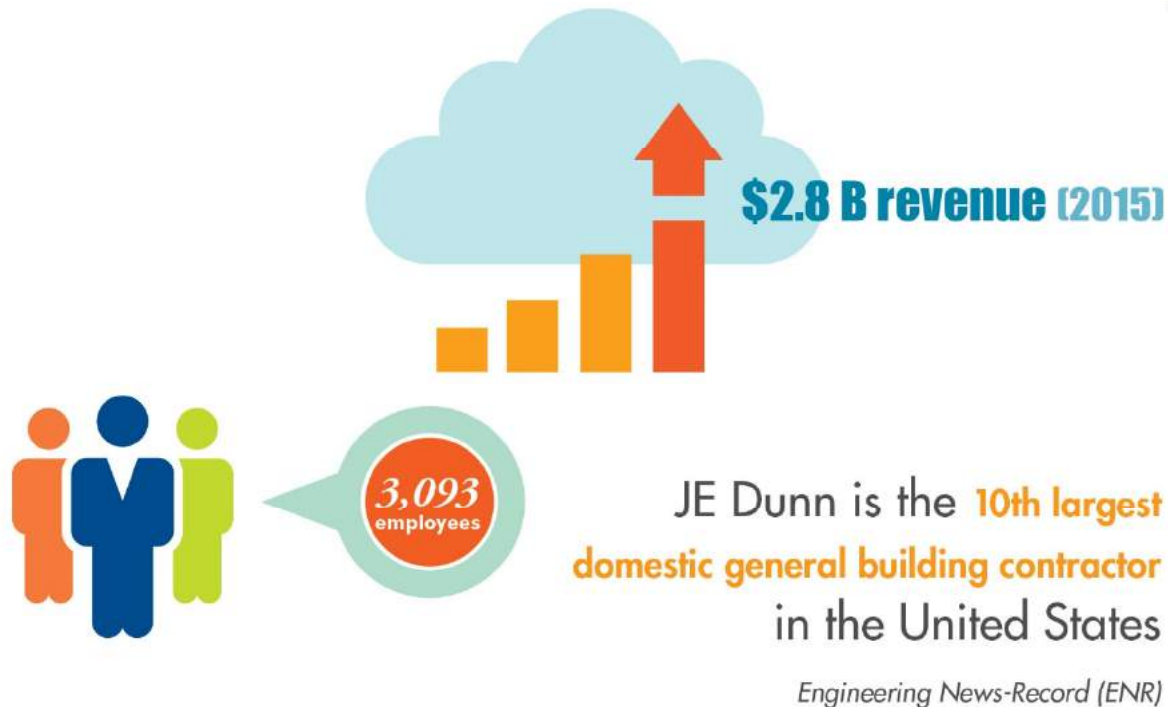


WE EXIST TO  
ENRICH LIVES  
THROUGH INSPIRED  
PEOPLE AND PLACES

**JEDUNN®**

# JE Dunn BY THE NUMBERS

A family- and employee-owned business founded in 1924 by John Ernest Dunn, Sr. in Kansas City (our corporate headquarters). With **4 regions** and **20 offices** across the United States, we have the ability to complete nearly any type of project in the country.



JE Dunn Rankings		
<i>Engineering News-Record (ENR) Rankings for JE Dunn Construction</i>		
13 CM at Risk	15 Solar	5 Data Centers
10 Domestic General Building	12 Education	21 Entertainment
6 Healthcare	16 Government	25 Green Contractors



## COMPANY VISION STATEMENT

Our vision is to be an indispensable business partner for our clients by first understanding their purpose, goals and customers and then delivering transformational solutions with certainty of results.

TWENTY OFFICES NATIONWIDE

# Who we are

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**Rebecca Snelling**



**National Lean Director**

**Eric Snelling**



**Director of Field Operations**

# Dunn Lean Beginnings - 2012

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- First Integrated Project Delivery
- First Last Planner® System Project
- Joined Lean Construction Institute
- Leadership visits to TD Industries and Viracon
- Corporate Commitment to Lean

# Anchor Hospital



ANCHOR HOSPITAL ADDITION  
Atlanta, Georgia

MAR 16 2012



ANCHOR HOSPITAL ADDITION  
Atlanta, Georgia

JUNE 27 2012

- 9,853 square foot addition
- Planned duration: 26 weeks
- Actual duration: 19 weeks
- 50% contingency returned to owner
- 186% of anticipated profit

In pursuit of **building perfection®**

**JEDUNN®**



# Last Planner® System Should-Can-Will-Did Planning



**\* NORTH**

Activity	Start Date	End Date	Start Date	End Date	Constraints
100% Drawings	8-15	8-20	8-20		C. Hampton
Supply Weather Bar & F. Eave	8-15	8-20	8-20		S. Holt
Supply weather bar & f. eave	8-15	8-20	8-20		M. Walter
Install all Electrical	8-15	8-23	8-23		S. Holt
Scope & Estimate Equipment	8-15	8-23	8-23		S. Holt
Location of all Electrical	8-15	8-23	8-23		T. Hudson
Supply weather bar & f. eave	8-20	7-30	8-20		M. Hill (GIS)



6th Floor

SUBCONTRACTOR WEEKLY WORK PLAN

April 8, 2013

Area	Addition/Interest	CATEGORIES OF PLAN FAILURE																TOTAL ACTIVITIES	ACTIVITIES COMPLETED	PERCENT PLANNED COMPLETED
		1 Coordination	2 Eng/Design	3 Owner Decision	4 Weather	5 Prerequisite Work	6 Labor	7 Materials	8 Contractor/COs	9 Submittals	10 Approvals	11 Equipment	12 RFI's	13 Site Conditions	14 Inspections	15 Poor Planning	16 Other	0		
Subcontractor:																				
Last Planner:																				
Master Schedule Activity ID	ASSIGNMENT DESCRIPTION	Subcontractor Activity ID	Start Date	08-Apr-13												LEARNING	REASONS FOR PLAN FAILURE			
				Mon	Tue	Wed	Thurs	Fri	Sat	Sun	YR									
	Prep and VCT install - South side	David - ACF		6	6	12	12													
	ASH 10 North Exterior framing (building)	Eric Nethery		2	3	3	3													
	Finish SLC under stairs	Eric Nethery		2	2															
	Paint SLC under stairs	Josue Mesa			4	4														
	Paint SLC stair	Josue Mesa			4	4														
	Testing floor	Lance Leavitt		2																
	Plumbing fixtures	Brian Messing		2	2	2	2													
	Install lockers in SLC	Brandon Graham					2	2												
	Plate out	Lance Leavitt		2																
	Traffic coating	Shane Little		3	3	3														
	Install window frames	Handy Wynn					4													
	Frame DBI area	Eric Nethery					4													

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# Learning

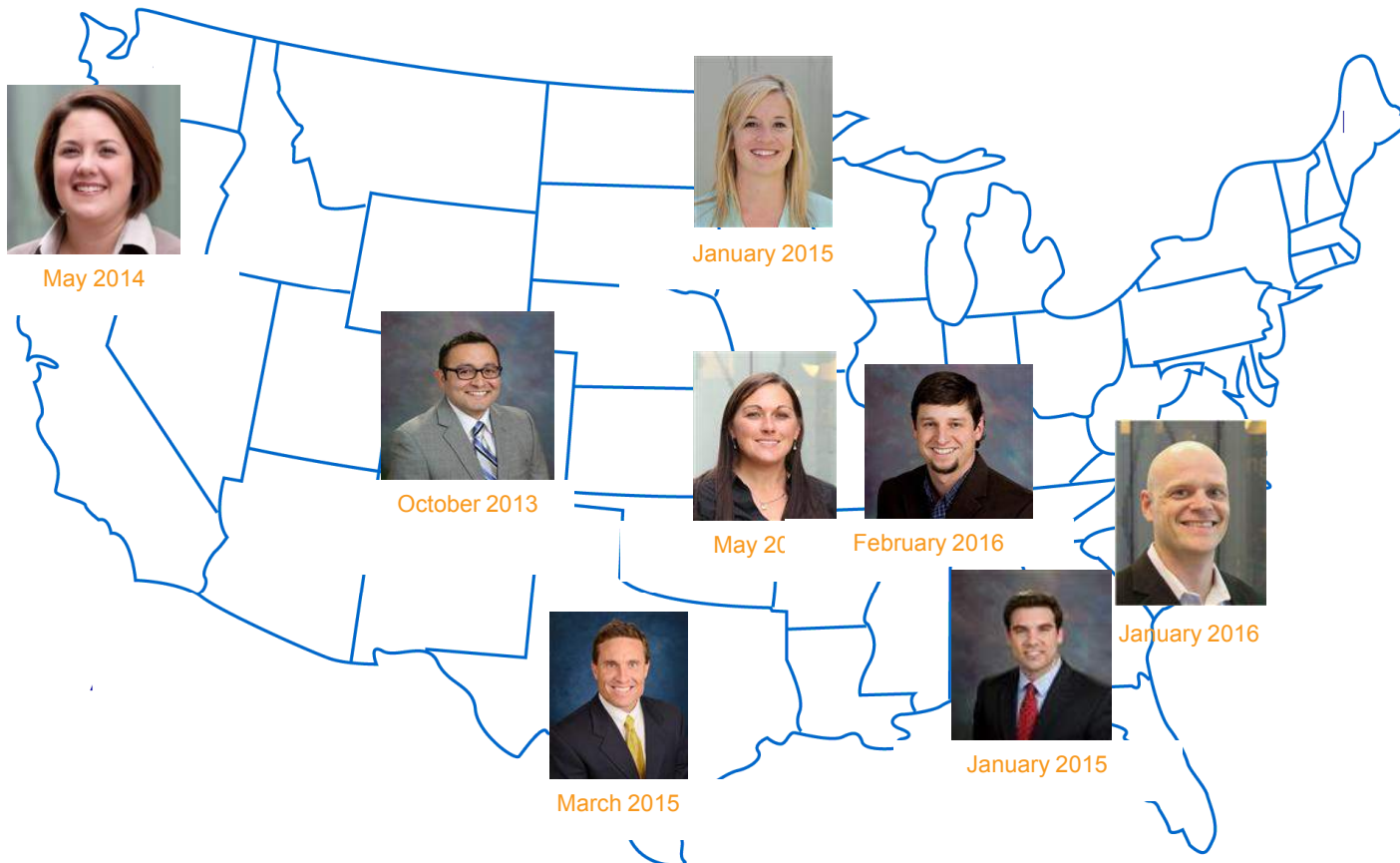


# Coaching & Doing

In pursuit of **building perfection®**

**JEDUNN®**

# Lean Support



November 2012

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**JEDUNN®**

# JE Dunn current state....

- Last Planner® System on **all** Projects
- Pursuing Perfection Program
- Retrospectives
- Visual Controls
- Just-in-time Delivery
- Team Alignment
- Weekly Office Huddles
- Process Mapping
- Root Cause Problem Solving
- 5S
- Kanban
- A3s
- Purposeful meetings
- Last Planner® in Design
- Project Conditions of Satisfaction
- Lean Leadership Learning Sessions
- LPS for GMs

# Results

- Higher employee engagement
- Improved trade, designer, owner relationships
- More efficient project delivery, better flow
- Over 100 Improvements made and shared
- Early identification and prevention of problems
- Less waste
- More value





*Lean is the  
way we are,  
not  
something  
that we do.*