JE DUNN FIELD TECH EXPO

JE Dunn’s Tech Expos are a chance for students and professors to learn, and test drive, our latest technologies. Our Expos feature 8 stations; each station showcases specific systems and equipment.

Here is what you can expect to see and experience when we visit AUBURN UNIVERSITY on TUESDAY, SEPTEMBER 29TH, 2015.

virtual design and construction (VDC)
The value in 4D Planning and Scheduling and visualizing a construction plan is two-fold. First, it allows the team to analyze and ensure the logic within the project schedule is well thought out. Second, it provides a clear and effective way to communicate the plan to all the key stakeholders. This enhanced level of communication, through visualization, ensures all individuals understand the project and schedule. Tools used:

- Laser Scanning
- Self-Perform
- 4D Planning and Scheduling

information technology (IT)
A variety of tools enable project teams, including internal and external clients, to collaborate on ALL key project documents regardless of their physical location. At the same time they offer a secured connection that give owners, architects and subcontractors access to real time information.

- Dunn Dashboards
- Mobile Jobsite Kiosk
- Jobsite WIFI Tree
logistics
JE Dunn Logistics is a division of JE Dunn Construction serving jobsites and subcontractor partners nationwide. We have a comprehensive selection of equipment and tools focused on supporting the concrete, precast, erection, masonry and site trades. These systems listed below increase productivity by providing quick and accurate field analysis.

- Layout Technology-Robotic Total Station
- Rebar Scanner

mechanical/electrical/plumbing (MEP)
With our in-house MEP staff we have a greater ability to cost-effectively evaluate design options, coordinate MEP bid documents, and ensure bids received are thorough and complete. Once construction starts, we follow through with on-site field inspections throughout the process. The tools below produce real time information and trending data that is collected from wireless sensors located throughout the project.

- Smart Box
- Flow Meter

quality assurance/quality control
Our company-wide program, Dunn Right, retains the same fundamentals that have provided JE Dunn with great success while adding key enhancements to provide our clients with the highest quality projects. These tools verify proper installation and detect building issues.

- Infrared Camera
- Borescope

safety
No phase of our operations is of greater importance than accident prevention. This equipment ensures quick rescue and escape as well as fall protection.

- Pour-In-Place Concrete Anchor
- Rollgliss R500-Rescue Device

scheduling
Web-based application capabilities allow for project teams to easily collaborate in project planning, creating schedules, monitoring progress, and sharing best practices.

- Primavera P6 PPM v8.2