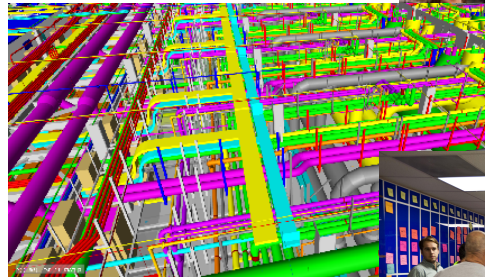
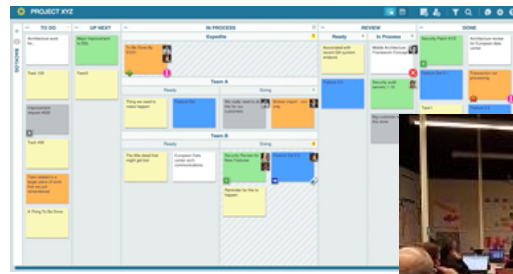


Class Agenda

1. Speaker Intro
2. **Highly Technical Projects vs Commercial Const.**
 - a. Exploring the advantages and disadvantages of each side.
3. **Lean**
 - a. Lean 101
 - i. Terms commonly used
 - b. Kanban
 - i. Task Tracking Platform
 - c. Last Planner
 - i. "Pull Planning"
4. **IPD**
 - a. Discussion on getting the best value out of the contract type.
 - b. Environment
 - c. Needs of collaboration
 - d. Psychology
 - e. Mindset behind transparency
 - f. Examples
5. **BIM/Collaboration Tools**
6. **Paperless Construction Initiative**
 - a. Cost benefits
 - b. Simplifying document management
7. **Cloud Tools and IP Protocols**
 - a. IP Concerns
 - b. Different Platforms
8. **Q and A**



Lean Terms

1. Nemowashi- Make decision slowly, implement it fast
2. Poka Yoke- Device, being able to stop complete production (Declaring a breakdown)
3. Virtual First Run Study- Virtual Reality
4. Production Batch- Optimal batch size
5. Genchi Genbutsu- Go and See it yourself
6. A3 Reports
7. Kaizen- Continuous Improvement

Key Learning Objectives

1. The major differences of an IPD project
2. Lean Construction Principles
3. Maximizing the use of BIM in Highly Technical Projects
4. Demands of BIM in the FiM world
5. Cloud storage and IP Concerns

Links of Reports and Studies

<http://bim.psu.edu/delivery>
Dodge Analytics Report



"What if we don't change at all ...
and something magical just happens?"