Opportunity

• Improving safety planning
• Ever-changing 3D work environment
• Safety personnel don’t have time to study large Gantt charts and stacks of drawings
• Projecting potential unsafe conditions
4D-Enhanced Safety Planning

Solution

• 4D visualization of future work environment
• Improved, visual understanding of the plan
• Future safety issues more easily identified
• Spatial planning of future safety measures
• Validation of the safety plan
4D-Enhanced Safety Planning
4D-Enhanced Safety Planning
Outcomes

- Proactive response to unacceptable risks
- Visual understanding of work sequence by all
- Averted workspace clashes
- Seen as novelty; defining value
- Developing roles and responsibilities