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AIA CONTINUING EDUCATION

- Credit(s) earned on completion of this course will be reported to the American Institute of Architects (AIA) Continuing Education Session (CES) for AIA members.
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Course Description

Labor shortages, supply chain and logistics challenges, microchip shortages, hyper-inflation, the "Great Resignation" and more are impacting our projects in various ways. However, you still need to complete projects on budget, on schedule and in alignment with your academic calendar. Is this a current moment in time? When will we get back to "normal?" This session will take a look at current and future trends in labor, materials and construction costs and discuss strategies for managing through turbulent times in construction.

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AIA
Continuing
Execution
Provider



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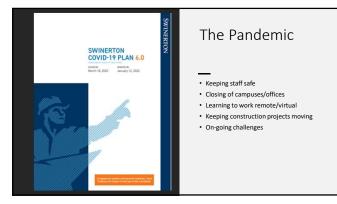
Our Audience this afternoon

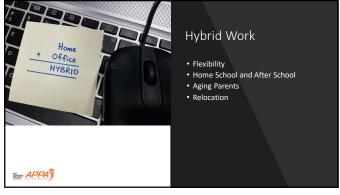
- What role do you have at your university/institution?
- Campus Architect
- Construction Project Manager
- Construction Manager
- Physical Plant Trade
- Other



Have you encountered disruptions on your construction projects? • Yes • No	
APPA To the second of the seco	
What types of disruptions? COVID-related Labor Supply Chain: materials and logistics Construction Cost Increases Project Delays	
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What has the impact been to your construction project of these disruptions? • Extended construction schedule • Increased construction cost • Missed academic calendar • Lower quality of work • Substitution of materials • All of the above	
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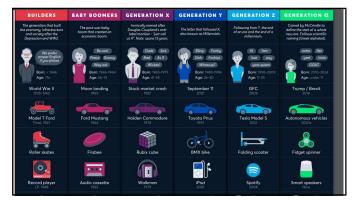








• https://youtu.be/j4jTiM0DF5c





Supply Chain & Logistics • Significant disruptions to the world-wide supply chain	
Business Bankruptcies Industry Consolidation Raw Materials Manufacturing Engineering and Installation Travel/International Travel	
E APPA	

• https://youtu.be/-ujLkAygSi0



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Hyper-Inflation

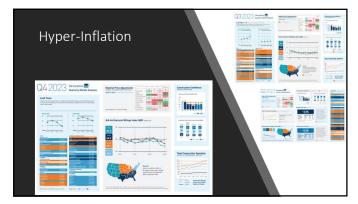
- Construction Cost Index 22 Q4 5.7% 23 Q1 3.9% 23 Q2 2.2% 23 Q3 2.3% 23 Q4 2.5% 24 Q1 2.6%
- Building Cost Index 22 Q4 9.8% 23 Q1 7.1% 23 Q2 3.5% 23 Q3 3.5% 23 Q4 3.6% 24 Q1 3.8%

Construction Cost Index ENR: 200 hours of skilled labor at the 20-city average of Common labor rates plus 25 cwt of standard structural shapes at mill pricing, plus 1.128 tons of Portland cement, plus 1,088 board feet of lumber.

Building Cost Index ENR: 69 hours of skilled labor at the 20-city average of Bricklayers, carpenters and iron workers, plus 25 cwt of standard structural shapes at mill pricing, plus 1.128 tons of Portland cement, plus 1,088 board feet of lumber.



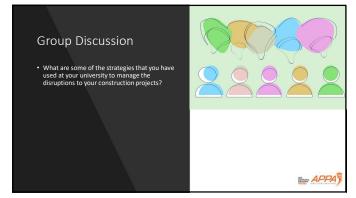
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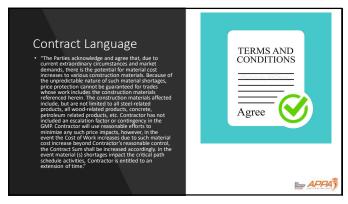












Contract Language The GMP does include projected escalation and escalation allowances as indicated in the bid tallies. Any additional extraordinary escalation costs above or below these costs will be funded and/or refunded through Owner Contingency. "Extraordinary escalation" is defined as unforseen escalation over 5% per year for this charification. Reasonable escalation is included. According to the Department of General Services (DSC) California Construction Cost Index (CCCI), the Annual Percentage increase was less than 5% every year from 2011 through 2020."





