



# Project Controls SUMMIT

January 31, 2017

  
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Founded in 1972, **Western Council of Construction Consumers** serves as a forum for those involved in commercial, institutional and industrial construction, to address those issues common to the design, engineering and construction industry.

For the third year, we present this **Project Controls SUMMIT** focused on key principles that influence your ability to effectively and successfully meet your project, financial, and organization goals. The rich agenda includes topics of interest to a wide variety of industry sectors and professionals. Owners and industry professionals will include example projects, and share experiences, lessons learned, project controls issues, and effective means and methods — all in a way to help you see how to implement them successfully.

Whatever your role in the process, you will gain insights to institute even more effective project controls for your projects going forward. Welcome!

**Andrew Wiktorowicz**

Executive Director  
Western Council of Construction Consumers

**Valerie Largin**

Programs Director and SUMMIT Organizer  
Western Council of Construction Consumers

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**Thank you to our Host:**  **CENTER OF EXCELLENCE**  
LA County Public Works

**Thank you to our Photographer: Melanie Nelson**

# SUMMIT AGENDA



## AM

- 7:45 Registration, Continental Breakfast and Networking**
- 8:15 Commencement - Thank you to Sponsors, SUMMIT Logistics**  
Andy Wiktorowicz, Executive Director, WCCC
- 8:25 Blind Men and The Elephant: Project Controls From Many Perspectives**  
**Owner:** Diane Pierson, Port of Long Beach    **Owner Rep:** Sonny Sicat, Faithful+Gould  
**CM:** John Van Whervin, Kitchell    **Contractor:** Ken McBroom, McCarthy Builders  
**Commissioning:** James Becker, 3QC, Inc.
- 9:00 Achieving Enterprise Project Controls** Calvin Nelson, Ecosys
- 9:45 Break** (15 minutes)
- 10:00 What is a Dashboard, Why is it Important for Me?**  
John Armstrong and Wendy Cohen, Kitchell
- 10:30 Leveraging the Technology of Today and the Future in Project Controls**  
Don McNatty, DRMcNATTY & Associates, Inc.
- 11:00 Owners Panel: Lessons Learned + the Future** Moderator: Mark Stapke, Stapke Law LLC  
Brian Boudreau, LACMTA    Stephan Tucker, LADWP    Gregory Farr, Caltrans
- 11:50 Lunch - Catered in the Room** (40 minutes)

## PM

- 12:30 Announcements & Housekeeping**
- 12:40 Minimizing Unforeseen Project Pain: Methodologies to Predict, Plan and Communicate** Jeff Sawyer, Simplar Institute, ASU
- 1:10 Risk Management in Alternative Project Delivery**  
Ken Frederickson, Berg & Associates, Inc.
- 1:45 Break** (10 minutes)
- 1:55 Using BIM and Drones for 4D Schedule Management**  
Rafael Martin & Janie Winning, Vanir CM
- 2:25 30 Min. To Help Project Teams Banish Claims Forever**  
Hannah Schumacher and Lynne Baker, Hill International, Inc.
- 2:55 T24 Commissioning/Sustainability/Acceptance Testing Requirements** (Effective 1/17)  
James Becker, 3QC, Inc.
- 3:25 Closing Remarks & Information**
- 3:30 Adjourn**

*Updates after printing will be announced at the SUMMIT.*

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Project Management Training  
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Check the Council website events calendar  
for link to flyer with full details: [www.wccc.org](http://www.wccc.org)

The BergCM logo is positioned at the top right of the advertisement. Below it is a photograph of three construction workers in safety gear standing on a construction site. The text "Providing Award Winning Construction Management Services for 37 Years" is located to the right of the photo. The website address "www.bergcm.com" is at the bottom right.

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# Thank you to our 2017 Project Controls SUMMIT Presenters

Presenters added after printing will be introduced at the SUMMIT.



**Diane Pierson**, Project Controls Director, Port of Long Beach

Before joining the Port, Diane was Project Controls Manager for City of Hope Medical Center in Duarte 2011–2014, and Chief of Project Controls for U.S. Army Corps of Engineers Los Angeles District 2000–2011, where she did standup and implementation of the Project Controls Division, plus oversight of project controls for dredging projects at Port of Long Beach. Earlier project controls positions were with Federal Emergency Management Agency, Raytheon, and Ebasco Constructors Inc. Diane has a B.S. in Computer Science from San Diego State University.



**Sonny Sicat**, Technical Director, Faithful+Gould

Sonny brings specialized experience in construction management, scheduling and project controls. During his 20 years in the industry, he has monitored construction schedule progress of architectural, structural and civil systems of multi-million and billion-dollar airport expansion programs. He has created master project schedules and master program schedules utilizing Oracle / Primavera software, and works closely with clients to manage project controls, including schedule reviews, cash flow projections project documentation, and on-site administration. Sonny holds a B.S. in Civil Engineering, Building Science from the University of Southern California.



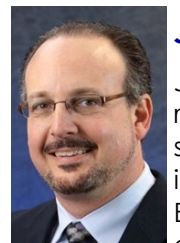
**Ken McBroom**, Director of Planning & Scheduling, McCarthy Building Companies

Ken has 21+ years of construction experience working for general contractors, the last 13 with McCarthy. He has supervised scheduling on over \$10 Billion worth of construction projects - Hospitals, Airports, Schools, Hotels, Parking Structures, Heavy Civil, Rail, and Environmental Remediation. Ken has personally scheduled and planned \$1 Billion+ of work. He is also leading both the Last Planner® System (Pull Planning) Initiative and the 4D Scheduling Initiative for McCarthy nationwide. Ken holds a B.S. in Civil Engineering, from the California State University, Long Beach.



**John Van Whervin**, Senior Project Manager, Kitchell CEM, Southern California

John has 30+ years in project management, overseeing capital projects in southern California and Arizona, including development of criminal justice and court facilities and additions. He has been involved in all phases of the design/construction process, in both the public and private sectors, and has an understanding of both owner and service-provider viewpoints. Recently part of an on-site construction administration team for a jail project on the central California coast, John has seen firsthand the impact of project controls in the overall process. Prior to joining Kitchell, John worked for Los Angeles County and AECOM.



**James Becker, PE**, Commissioning Authority, 3QC, Inc.

James is a Licensed Mechanical and Fire Protection Engineer with 27+ years of PM and CM experience, including project and facility planning; smoke control inspection; operation and troubleshooting of HVAC, energy management and lighting control systems; and building commissioning. He is an ACG Certified Commissioning Agent, Commissioning Process Authority Professional, Energy Management Professional, and LEED Accredited Professional. Focusing on total building commissioning for the last 13 years, he has provided commissioning services and managed commissioning teams on a variety of projects, including supervising commissioning process on Billion \$ Naval Facilities Engineering Command in Italy, Spain, the Azores.



**Calvin Nelson**, Solutions Consultant, EcoSys

With EcoSys, the global standard for enterprise project controls software, Calvin has 8 years assisting customers in architecting software and services solutions designed to decrease operational costs and increase efficiency. He and the Solutions Team consult with the world's leading project-driven organizations in Oil & Gas, Utilities, Engineering, Construction, Government, Transportation, Aerospace and Defense providing direction for implementing best practices to plan and manage project portfolios, control project costs, and improve project performance.



**John Armstrong**, Scheduling Engineer, Kitchell

John has 8+ years in construction with a proven record of improving financial returns on increasingly complex and risky projects. He has prepared and maintained complex CPM/ Primavera P6 schedules for \$1B+ projects, while also training and developing project engineers to meet similar responsibilities. John has led large teams of project engineers and schedulers responsible for pre-construction activities, cost engineering and reporting, scheduling, and change management. He has successfully implemented corporate policies for all project management facets, including scheduling, change order negotiations, and value engineering, for both small and Fortune 500 construction firms.



**Wendy Cohen**, Regional Vice President, Southern CA, Kitchell

Wendy has 20+ years of experience in planning, development and construction, providing an array of program and construction management services to owners and project teams. She has held roles in all aspects of the industry including: general contractor, CM, consultant, and owner. She has a strong background in senior living, K-12 education and healthcare, and is committed to creating and leading high-performance teams that deliver exceptional outcomes.



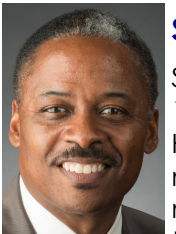
**Don McNatty**, Executive VP/ COO, DRMcNatty & Associates, Inc.

With 40 years as a consultant, contractor, chief estimator, CM and PM, Don has spent 30 years designing and implementing automated project control, estimating and costing systems in a wide variety of environments, including one of the first project administration software packages used on Los Angeles Public Works projects. He was instrumental in design of nationally marketed software for cost estimating, scheduling, project management and cost control. The past 15 years He has pioneered deployment of remote access/web/internet based project management systems in real project environments, and now leads a team executing his vision of "virtual project controls."



**Brian Boudreau**, Sr. Executive Dir. of Program Control, Los Angeles County Metropolitan Transportation Authority (LACMTA)

Brian has 34 years of experience in public agency transportation management, working across multiple departments, including: project management, project controls, funding and financial planning. He is a frequent presenter at American Public Transportation Association (APTA) and AACE International (AACE) conferences, and has a bachelor's degree in Business Management from Merrimack College in Massachusetts.



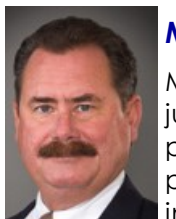
**Stephan Tucker**, Dir. of Corporate Program Management, Los Angeles Dept. of Water and Power

Stephan received his B. S. in Mechanical Engineering from California State University, Northridge in 1986, then began his career at LADWP. He earned an MBA from Pepperdine University in 1993, He worked in various management positions, landing in Capital Improvement Program Management and Project Management in 2001, where he was tasked with developing a more effective methodology for managing the Water System's Capital Program and individual projects. He then became Manager of Project and Construction Management, with responsibility for delivering a multi-billion dollar capital program, before assuming his newest role.



**Gregory Farr**, PE, Region Chief, Externally Financed Projects, California Dept. of Transportation

With Caltrans since 1988, Greg brings experience in a variety of disciplines, and spent early years producing Program Initiation Documents, 10 years as a Senior Transportation Engineer in Design, and Supervising Transportation Engineer. He spent 10 years managing the Office of District Office Engineer, Constructability Unit, Critical Path Method Unit, District Estimator, and time as a CM on the Sepulveda Pass Widening project. Greg was recently Caltrans Project Manager for Gerald Desmond Bridge and Sepulveda Pass Widening projects before assuming his new position.



**Mark Stapke**, Founding Partner, Stapke Law LLC, General Counsel for WCCC Board

Mark is a seasoned construction and real estate trial lawyer, with 32+ years winning multiple jury trials and arbitrations, and resolving mediations, including some of California's largest project disputes with \$50M+ recovered for clients. His focus is claims avoidance training for public and private owners, time-related, defect and bond claims, advice on the contracting process, and administrative proceedings. An Arbitrator and Judge Pro Tem with Superior Court of California, Mark was selected in 2013 as one of the Top 400 construction lawyers in the U.S.



**Jeff Sawyer**, Director, Simplar Institute, Arizona State University

Jeff is a researcher at Simplar Institute, with 30+ years experience in the engineering consulting, construction, and capital project management fields. He co-founded a design-build firm specializing in the water and wastewater industry. He is the former capital improvements project manager and senior environmental service engineer for the City of Prescott, Arizona. As an owner representative and a construction company owner, Jeff has led teams in design, construction, and management of both horizontal and vertical construction projects.



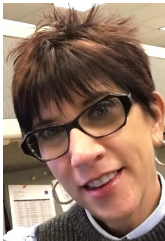
**Ken Fredrickson** PE, CCM, DBIA, Special Projects Director, Berg & Associates

With 38 years of industry experience, Ken has served as a senior executive and manager for construction and management of infrastructure projects throughout the world, with a focus on combining all aspects of the delivery process to develop more effective whole project approaches. He has had the opportunity to observe how projects have been developed and executed in a variety of circumstances and to introduce "best practices" for the development and execution of these projects. Ken is a PE in several states, a licensed general contractor, and a published author in peer-reviewed journals and industry publications.



**Rafael Martin**, PE, Scheduling Director, Vanir Construction Management, Inc.

Rafael as a B. S. in Civil Engineering, from CSUS; M.S. from Stanford, and 19+ years' professional engineering and construction experience in infrastructure and building projects. He proactively determines potential areas of constraint, and develops feasible alternatives to ensure project progress remains on track. He leverages BIM technology to create 4D and 5D schedules used to manage the construction process, avoid risk, and properly communicate progress. His responsibilities have included program and project planning, CPM schedule management, analysis of schedule and cost impacts, and establishing project controls systems, standards and procedures.



**Janie Winning**, Senior Scheduler, Vanir Construction Management, Inc.

Janie's duties for a large general contracting company included 4D Modeling using Synchro/Vico Software tools; training field resources and sub-contractors, participation as a LEAN Champion in pull sessions throughout No. California; and developer of construction schedules with resource and cost loading. She was Senior Project Scheduler for Sacramento Golden 1 Center (\$450M) Sacramento Airport (\$290M) and Sutter Health projects (\$430M). Her responsibilities included project flow, coordinating all work phases, schedule maintenance, issues and risks identification, developing Cash Flows, monthly reporting, and Time Impact/Change. Order Analysis.



**Hannah Schumacher** PSP, PMI-SP, LEED-AP, CM-Lean, Managing Consultant, Hill International Consulting, Inc.

Hannah has 24+ years of construction industry experience, planning and scheduling projects in a variety of sectors. Her expertise includes project controls, risk management and delay and claims analysis, with extensive experience training and implementing best practices in CPM scheduling and related software for owners, contractors and subcontractors. She is active in professional associations and a frequent presenter at technical meetings and universities. Her B.S. in Construction Management and Building Construction Technology is from Wentworth Institute of Technology, Boston.



**Lynne Baker**, Consultant, Hill International, Inc.

Lynne began her career with Hensel Phelps, then led Project Controls at Snyder Langston Builders. She directed several major infrastructure projects, including the 200-acre Upper San Diego River Restoration, which earned the 2010 Caltrans Excellence Award. Her construction claims practice with Hill encompasses contract performance and project delay, with specialized expertise in design-build and environmental compliance issues. She has a B.S. in Construction Management from Oklahoma State University, and a J. D from University of San Diego School of Law. She published "*Practical Use of CPM Scheduling*" in 1989.



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**Thank you for attending the Project Controls SUMMIT!**