

James D. Rogers

jjim@viarealproductions.com

480-442-2546



Personal Statement & Summary

My skills and areas of expertise have been developed through a unique career path that has afforded me many non-traditional opportunities for learning and advancement. I have over 30 years of construction industry experience in areas including Project Management, Labor Relations, Occupational Safety and Health and Training and Education. This experience includes a unique combination of senior management roles in industry, director level and senior consultant positions with industry trade associations, and educational opportunities as a faculty member in the Fulton Schools of Engineering at Arizona State University (ASU). I am an expert in the field of prestressed concrete, having led the industry in the development and implementation of various training and certification programs and publishing numerous articles and manuals on the topic. I am also a recognized leader in the field of Occupational Safety and Health, having established ASU's OSHA Training Institute Education Center under a cooperative agreement with the U.S. Department of Labor, and serving as the organization's Director. Recent activities include the publication of numerous white papers, fact sheets and articles on occupational safety and health, the development and delivery of various OSHA Training Institute Education Center courses, and presentations to industry groups on the current trends and activities in occupational safety and health.

Additional activities can be found at www.linkedin.com/in/rogersjim.

Career highlights include:

- Development of a personnel training and certification program for installation of post-tensioned reinforcing systems used throughout North America by the International Association of Ironworkers
- Development of a contractor certification program utilized throughout the U.S. by foundation contractors through the Concrete Foundation Association (CFA)
- Management of a plant certification program for the prestressed post-tensioned concrete industry evaluating and certifying production plants in the U.S., Canada and Mexico
- On-site participation in the cleanup of the World Trade Center disaster site in New York City as an expert consultant
- Teaching eight different graduate and undergraduate courses at ASU including project management, productivity, occupational safety and health and construction management
- Developing a winning response to the U.S. Department of Labor's request for proposals to establish an OSHA Training Institute Education Center at Arizona State University
- Serving in the role of Director of the OSHA Training Institute Education Center at Arizona State University
- Development and management of The Construction Collaborative at cmsocial.net, an on-line community of resources related to construction management, safety, and health (ongoing)
- Development and delivery of multiple on-line courses in the field of construction management, construction safety, and general occupational safety and health for LinkedIn Learning (formerly Lynda.com), including several ongoing weekly series programs that have been viewed by millions of people throughout the world (ongoing)

My career has included presenting to groups both small and large, from international construction conferences translated into multiple languages to safety and health discussions that have been recorded and published. These activities have afforded me the opportunity to meet and consult with industry leaders and senior executives from companies including Bechtel and Exxon-Mobile to government leaders including the Assistant Secretary of Labor in charge of OSHA.

My current interests are focused on occupational safety and health and serving in a role that affords me the opportunity to continue to transfer knowledge that relates to the integration of safety, productivity, and quality into the work force.

Additional areas of interest and expertise include the following:

- Development of Educational Media and Training Packages
- Translating Theory to Practice
- Labor Relations
- Training and Education
- Expert Witness, Incident Investigation and Reconstruction

Experience:

2015 – Present: Author and Instructor, LinkedIn Learning (Formerly Lynda.com), Carpentaria, CA - In 2015, the LinkedIn Corporation acquired Lynda.com, a well-established on-line learning outlet providing continuing education and professional development to individuals, universities, and corporations around the World. I began working with them shortly after this merger to expand the course offerings into the areas of construction management and occupational safety and health. I am currently their recognized expert on these topics, with over 50 courses published or in production, including several on-going weekly series, all of which have been watched by millions of learners worldwide. Topics include: Bluebeam and the management of digital drawings in construction, digital documentation of safety submittals, technology in construction, construction management fundamentals, construction safety and health, general occupational safety and health, and the integration of safety, quality, and productivity into work planning and execution. Courses on LinkedIn Learning include:

- Construction Management Foundations
- Construction Management: Planning and Scheduling
- Construction Management: Reading Drawings and Specifications
- Construction Management: Reading Civil Construction Drawings
- Construction Management: Concrete Construction
- Construction Management: Project Delivery Methods
- Construction Management: Managing Risk
- Construction Management: Safety and Health
- Construction Management: Technology on the Job Site
- Construction Management: Introduction to Lean Construction
- Construction Management: Modular Construction
- Construction Management: Lean Strategies for Improvement
- Construction Management: Cultivating the Workforce
- Construction Industry: Safety and Health
- Construction Industry: Productivity
- Construction Industry: Technology
- Digital AEC Foundations
- Learning Autodesk Construction Cloud

- Fieldwire: Construction Field Management
- Learning Bluebeam
- Bluebeam Revu 21 Essential Training
- Bluebeam Revu 21 – Estimating and Take-offs
- Bluebeam on the Ipad
- Bluebeam: Managing Construction Documents
- Bluebeam: Managing Safety Submittals
- Bluebeam: Draw Layout and Details
- Learning PlanGrid: Digital Construction Drawings
- PlanGrid: Managing the Field
- PlanGrid: Managing Construction Submittals
- On the Job Site - Construction
- Bluebeam Weekly Tips and Tricks
- Construction Management Weekly
- Occupational Safety and Health - Understanding Personal Protective Equipment
- Occupational Safety and Health - Working Safely in the Heat
- Occupational Safety and Health – Slips, Trips, and Falls
- Occupational Safety and Health – Hazard Communication and GHS
- Occupational Safety Health – Bloodborne Pathogens
- Occupational Safety and Health: Fire and Emergency Preparedness
- Returning to Work in the Pandemic – Considerations for the Built Environment
- Optimizing the Architect-Contractor Relationship

Served in an additional role as worldwide instructor outreach liaison for 18 months, working with the global network of LinkedIn Learning instructors to enhance collaboration, marketing, and engagement.

2015- Present: Construction Industry Consultant, Trainer, and Expert Witness – Working with a number of different clients who have utilized my expertise to evaluate construction project conditions and activities to incorporate safety, quality, and productivity into the planning and execution of work. This work has included the evaluation of on-site field conditions for various trade contractors and the development and delivery of safety programs and training, as well as the evaluation and development of site-specific safety programs for developers and general contractors. Highlights include safety management and weekly on-site assessments for Central Arizona Project during renovations (including reconstruction of elevator and HVAC systems) at several pumping stations throughout Arizona, development of an NFPA 70E arc flash safety program for a large electrical trade contractor along with training delivery, development of site specific safety plans for a large commercial design-build contractor and on-site follow-up assessments, and providing representation and consultation for several trade contractors and general contractors during OSHA inspections and investigations.

Selected Projects

- 2025-2026 – Develop and deliver on-line video based courses for Autodesk related to managing safety with Autodesk Construction Cloud
- 2025 – Develop and deliver a hybrid (on-line with in-person cohorts) course for trade contractors to facilitate “digital adoption” and the adoption of construction technology
- 2024-2025 – Develop and deliver a mobile based blueprint reading course for On3
- 2024 – Develop and deliver a safety leadership in-person course for the Arizona Masonry Council
- 2022-2023 – Develop and deliver an application-based safety and health training program for On3 utilized primarily by production home builders throughout the United States
- 2022 – Develop a series of construction technology training videos for Fieldwire, a Hilti Company
- 2021 – Develop educational content for the Bosch Company related to their lean construction scheduling application
- 2019-2021 – (Arizona) Develop and deliver occupational safety and health courses for Okland Construction, conduct field assessments and lead continuous improvement of safety and health management systems
- 2020-2021 – (Arizona & Utah) Conduct extensive evaluation of field operations, safety and health policies, training, and corporate documents to develop and implement a new safety and health system for a large (national) general contractor
- 2016 – 2022 – (Arizona and New Mexico) Deliver the Associated General Contractors of America’s Project Manager Development Program (PMDP) through the Arizona and New Mexico Chapters - an 80 hour annual training program
- 2018 – 2022 – Deliver Webinars through the Arizona Builders’ Alliance on topics including LinkedIn, Digital Workflows in the Construction Industry, Silica Hazards, Technology in Construction
- 2019 – (Washington, DC) Served as a paid Subject Matter Expert to the Associated General Contractors of America to assist in updating its Project Manager Development Program used throughout the United States
- 2019 – (Arizona) Conduct extensive, on-site, evaluation and analysis of post-tensioned reinforcing failures on a large multi-story commercial construction project
- 2019 – (California) Facilitator and Presenter for one day Best Practice Forum titled “Navigating the Future of Construction” for a group of electrical trade contractors from the National Independent Electrical Contractors (IEC)
- 2018-2019 – (Arizona) Conduct safety and health inspections of both construction field operations and factory operations for Builders Guild at multiple projects and locations
- 2018 – Develop and deliver multiple on-line courses for ProCore’s new Safety Qualified program – courses included:
 - Fall Protection
 - Hazard Communication
 - Electrical Safety
 - Respiratory Protection
 - OSHA Record Keeping
 - Silica Hazard Awareness and Protection (3 part series)
 - Confined Spaces in Construction (3 part series)
 - Heat Hazard Awareness
- 2018 – (Arizona) Developed and Delivered Confined Space Hazards and Compliance Training for AGC of Arizona
- 2018 – (Arizona) Silica Hazard Awareness Training for Sunstate Mechanical, trade contractor

- 2018 – (Arizona) Expert Witness for construction safety related litigation involving fall from height
- 2018 – (Arizona) Develop site specific safety plans for a 600,000 square foot commercial construction project for Opus Design Build Contractors and perform ongoing compliance inspections on-site
- 2018 – (Arizona) Conduct ongoing hazard assessments and safety inspections at a 250,000 square foot commercial project for Opus Design Build Contractors
- 2017 – Conduct ongoing site safety inspections at multiple pumping stations for the Central Arizona Project canal system during renovations of elevator and HVAC systems
- 2017 – (Texas) Instructor for three safety breakout sessions on construction safety, and speaker for three construction management sessions (attended by over 700 people) at the ProCore Groundbreak conference
- 2015 – 2017 – (Arizona) On-site safety consultant for multiple trade and general contractors conducting training, on-site safety assessments, representation with OSHA compliance officers, and development of hazard assessments and safety plans

2012 – 2015: Director, Western OSHA Education Center at Arizona State University (Tempe, AZ) - Arizona State University's Fulton Schools of Engineering leads the Western OSHA Training Institute Education Center, one of 26 centers nationwide established by the U.S. Department of Labor. OTI Education Centers are a national network of nonprofit organizations authorized by OSHA to deliver occupational safety and health training to private and public sector personnel, organizations and agencies. Courses can be taken at our center to become an OSHA Authorized Trainer in the construction, general industry, maritime and disaster site worker sectors. The center also offers courses in a wide variety of safety and health topics. Responsibilities as Director include working with OSHA leadership to develop and deliver training programs, selection and oversight of all Education Center instructors, coordination with the Dean's Office and the University's other continuing education programs and relevant departments, and integration of the Center's programs into the academic environment. Designed, developed and taught the following courses:

- OSHA 500 – Trainer Course in OSHA Standards for Construction
- OSHA 502 – Update Course for Construction Industry Outreach Trainers
- OSHA 503 – Update Course for General Industry Outreach Trainers
- OSHA 510 – Occupational Safety and Health Standards for the Construction Industry
- OSHA 501 – Construction Industry Trainer Update
- OSHA 3115 – Fall Arrest Systems / Fall Protection
- OSHA 7200 – Blood Borne Pathogen Exposure Control
- OSHA 7510 – Introduction to OSHA for Small Businesses
- OSHA 7845 – OSHA Record Keeping Rules Seminar
- OSHA 7405 – Fall Hazard Awareness in Construction
- OSHA 7115 – Lock Out Tag Out
- OSHA 10 & 30 Hour Construction Industry Hazard Awareness
- Developed and delivered Haz Comm training to multiple Federal agencies

2010 – 2015: Associate Faculty, Arizona State University (Tempe, AZ) - Faculty at ASU's Del E Webb School of Construction - Teaching courses in concrete, reinforcing, post-tensioning, productivity, planning and safety. Courses taught included:

- CON 100 - Introduction to Construction
- CON 271 - Construction Safety and Health

- CIM 205 - Concrete Construction Methods
- CIM 306 - Concrete Plant Management
- CIM 494 – Concrete Reinforcing and Post-Tensioning
- CON 494 - Temporary Structures and Reinforcing Methods
- CON 495 – Construction Planning and Scheduling
- CON 540 – Construction Productivity

2006 – 2011: Consultant (Phoenix, AZ and Washington, DC) with roles including Executive Director of the Structural Engineers Association (5 years), Executive Director of the Arizona Chapter of the American Concrete Institute (6 years) and other concurrent work with additional industry associations including the National Association of Home Builders, the Arizona Cement Association, the Tilt-up Concrete Association, and the International Association of Ironworkers

2001 – 2006: Director of Certification Programs and Construction Technology, Post-Tensioning Institute (Phoenix, AZ and Washington, DC) - Develop and manage all of PTI's personnel and plant certification programs, including the management of support personnel and fiscal responsibilities. Work with the Board of Directors and appropriate Committees to develop industry outreach training programs related to our field and plant certification programs. Implement, manage and maintain these educational programs including the incorporation of safety, production, and technical components. Receive all incoming requests for technical assistance from industry and act as liaison to various PTI technical committees.

1997 – 2001: Division Manager, Suncost Post-Tension (Phoenix, AZ) - Established a production plant and presence in Arizona and expanded operations to neighboring states. Managed all business and technical operations for the southwestern region of the U.S. including fiscal, safety, production, employee training and business development.

1992 – 1997: Director of Operations, SCP Construction (Phoenix, AZ) - Managed residential construction operations including field, plant, office and estimating. Oversaw the management of over 350 field and office employees constructing foundations for production home builders in Phoenix, Arizona. Managed all aspects of the company's operations including fiscal responsibilities, provided management and oversight of support departments including human resources, purchasing, safety and risk.

Prior Experience includes roles in Estimating and as a Project Manager for multiple General Engineering Contractors in southern California

Selected Honors and Positions:

- Chairman – Arizona Construction Safety Council (Joint Committee of the Arizona Builders Alliance and the AZ Chapter of AGC) (2023-2024)
- Board of Directors – Arizona Concrete Contractors Association (1995 – 2000)
- Secretary - Committee 332 (Design of Residential Concrete) – American Concrete Institute
- Chairman - Committee 332F (Slabs-On-Ground) – American Concrete Institute
- Voting Member - Committee 423 (Prestressed Concrete) - Joint American Society of Civil Engineers / American Concrete Institute Committee
- Voting Member - Committee A01 (Reinforcing Steels) – ASTM
- Authorized OSHA Outreach Trainer (OSHA 510 and 500 credentials)
- OSHA Training Institute Education Center Director

Selected Publications and Presentations

- **Dangerously Uniformed** – Monthly newsletter started in 2025 discussing occupational safety and health, personal choices, and hazard recognition and avoidance with over 17,000 subscribers
- **Keynote Speaker at Penta Builders annual Construction Engineering Conference** – December 2023, The Future of Construction
- **Thoughts from the Field** – Ongoing since 2020, a bimonthly newsletter discussing construction management, safety, and health issues with over 40,000 subscribers, <https://www.linkedin.com/in/rogersjim/recent-activity/newsletter/>
- **Silica Dust Compliance Guide** – May 2018, an article co-authored with Zach Zerndt, published by Concrete Construction Magazine, https://www.concreteconstruction.net/business/contractors/silica-dust-compliance-guide_o
- **Managing Confined Spaces in Construction** – January 2017, A comprehensive guide to the management of confined spaces on construction projects and compliance with the new OSHA regulations, Published by CreateSpace Media, available in print and eBook editions
- **The Three Elements of a Successful Task Analysis Approach** – October 2016, Published by ProCore, <http://go.procore.com/ebook-3-major-qualities-of-a-successful-task-analysis-approach.html>
- **HazComm – Are You Still Out of Compliance** – October 2016, Arizona Builders Exchange Magazine
- **Does OSHA Now Prohibit Post Incident Drug Testing** – September 2016, Arizona Builders Exchange Magazine
- **The State of OSHA** – January 2014, Concrete Construction Magazine, Hanley Wood Media, http://www.concreteconstruction.net/safety/oshas-plans-for-2014_o.aspx
- **Protecting Temporary Workers** – February 2014, Concrete Construction Magazine, Hanley Wood Media, http://www.concreteconstruction.net/safety/protecting-temporary-workers_o.aspx
- **Whistle Blower Protections**, March 2014 – The Journal of the Tilt-up Concrete Association, Tilt-up Concrete Association (only available in print)
- **The Stressing Report** – February 2011, Concrete International, American Concrete Institute, http://www.concreteinternational.com/pages/featured_article.asp?ID=51664222
- **Design of Prestressed Barrier Cable Systems** – December 2004, PTI Technical Notes, Post-Tensioning Institute, <http://post-tensioning.org/Uploads/Technote14.pdf>
- **Results of Tape Qualification Testing for Tapes Used to Repair Damaged Sheathing** – December 2002, Post-Tensioning Institute Research Update, <http://post-tensioning.org/Uploads/Research%20Update%20-%20Tape%20Qualifications.pdf>
- **Proper Documentation of Components in an Unbonded Single Strand Tendon Material Package** – October 2033, PTI Technical Notes, Post-Tensioning Institute, <http://post-tensioning.org/Uploads/Technote13.pdf>
- **Installation of Bonded Post-Tensioning Systems** – July 2006, a complete training package including Student Manual, Instructor Guide and Presentation Material developed under a grant from the International Association of Bridge, Structural, Ornamental, and Reinforcing Ironworkers (print only)
- **Design and Construction of Posttensioned Sport Courts** – Jan 2008, Post-Tensioning Institute – Recommendations for design and construction of post-tensioned slabs-on-ground intended for use as sport courts
- **Post Tensioning Manual 6th Edition** – Post Tensioning Institute, 2006
 - **Chapter 11** – Post-tensioned Slabs-on-ground
 - **Chapter 16** – Design of Prestressed Barrier Cable Systems
 - **Chapter 20** – Inspection
 - **Chapter 21** – PTI Certification Programs
- **November 2016** – Managing a Culture of Safety in the Construction Industry, presented for the Arizona Department of Occupational Safety and Health (ADOSH) at the Winter 2016 ADOSH Safety Summit
- **November 2014** – Regulatory Changes in Safety and Health, presented to the Arizona Chapter of the American Concrete Institute – a presentation summarizing the recent regulatory changes and what to expect in the next two years from OSHA

- **October 2014** – Worker Exposure to Silica, Presented to the Arizona Chapter of the Associated General Contractors – An update on permissible exposure limits, engineering and administrative controls and the future of the regulatory environment
- **January 2014** – OSHA’s Proposed Silica Regulations, Presented at the World of Concrete in Las Vegas, recorded and published by Hanley Wood Media – a hosted panel discussion on the proposed silica standards and their effect on both workers and employers
- **October 2013** – Lean Production and It’s Applicability to Construction, presented at the International Convention of the American Concrete Institute – An introduction to the concept of Lean production, its origins and applicability to the construction environment
- **September 2013** – Worker Safety and Linkage to Construction Productivity, presented at Arizona State University – a lecture on the research that has been conducted linking safety and productivity and a discussion on making the business case for safety in the workplace
- **April 2006** – Using Post-tensioned Foundations in Unstable Soil, presented at the International Housing Conference in Mexico City – a technical presentation on the use of prestressed, post-tensioned concrete in residential construction