Jim Cooper, CSP, ASP, CHST, OSHA 500/501

SELECTED CONSTRUCTION SAFETY PROJECT PORTFOLIO

jim@jimcooper.com

SAFETY LEADERSHIP SCOPE

Construction safety leader with experience spanning underground utilities, laboratories, clean rooms, high-tech research facilities, transportation infrastructure, schools, animal healthcare, and occupied-facility renovations. Project leadership has covered preconstruction planning, JHA/JSA development, field audits, QA/QC, incident prevention, contractor coordination, training, insurance, and wrap-up programs, claims, and executive reporting.

Representative exposures: fall protection | crane picks and rigging | LOTO | traffic control | scaffolding | trenching | confined space | boom lifts | hot work | hazardous materials

SLAC NATIONAL ACCELERATOR LABORATORY - MENLO PARK, CALIFORNIA

B/905 Cryoplant Building & Infrastructure | *$26M | 21,035 sq. ft. | Safety Director*

- Led safety for a steel-framed cryogenic facility supporting liquid-helium production, including cold-box and compressor rooms, equipment pads, a cooling-water plant, electrical substation, and helium/nitrogen storage yard.
- Oversaw controls for excavation, earth retention, grading, road reconfiguration, utilities, heavy equipment, gas storage, and work adjacent to an operating national laboratory.
- Civil scope included domestic water and sanitary sewer lines, site access changes, bio-retention ponds, landscape restoration, parking, and exterior equipment areas.

B950 Utility Relocation | *Safety Director*

- Supported HVAC and electrical utility upgrades, rooftop mechanical-penthouse construction, replacement of four substations, switchboards, and motor-control centers, and fire/life-safety improvements in an operating research campus.
- Coordinated risk controls for rooftop work, electrical distribution, active-facility interfaces, waterline modifications, and work affecting areas of refuge.

B/40 Heinz Laser Lab Renovation | *$1.9M | 1,665 sq. ft. | Safety Director*

- Directed safety for demolition and laboratory build-out involving fume hoods, gas cabinets, LN2 and compressed-air distribution, rooftop HVAC, PCW systems, fire protection, power, controls, and ADA upgrades.
- Managed work sequencing and hazard controls within an operational facility while utilities and structural supports were removed, modified, and replaced.

B006 Laboratory Renovation | *$5.04M | 5,000+ sq. ft. | Safety Director*

- Supported a design-build conversion to biology, materials, optics, and laser laboratories with clean-room space, controlled-temperature rooms, gas cabinets, microscopy suites, VAV fume hoods, nitrogen/LN2 systems, emergency power, and structural modifications.
- Scope also included fire alarm and suppression, telecommunications, a backup generator, structural openings in an existing shear wall, and rooftop HVAC support.

Magnetic Measurement Facility | *$650,732 | Safety Director*

- Managed safety for structural, fire-sprinkler, vacuum, compressed-air, process-cooling-water, and hot-water reheat work, including vibration-isolated foundations and seismic piping supports.
- Coordinated renovation activity across the measurement laboratory, CMM room, cradle assembly area, and loading dock.

DEFENSE, TRANSPORTATION & INSTITUTIONAL PROJECTS

Lockheed Martin - B/153 THAAD Laboratory | *$14.1M | 57,000 sq. ft. | Safety Director*

- Led safety through a five-phase tenant improvement and program relocation involving test and control rooms, closed areas, UPS infrastructure, an LN2 yard, and a new 40,000-cfm rooftop air handler.
- Managed phased work and equipment relocation across logistics, test, simulation, presentation, storage, office, and exterior-yard areas.

Lockheed Martin - B/206 Vacuum Test Chamber | *$7.34M | 4,516 sq. ft. | Safety Director*

- Supported design-build relocation of thermal test chambers and installation of two new chambers with minimal disruption to active test operations; scope included GN2 and LN2 yard upgrades.

Lockheed Martin - B/201 & B/202 R&D Facility | *$2.5M | Safety Director*

- Oversaw multi-phase improvements encompassing a central plant, clean rooms, vacuum chambers, and sensitive compartmented information facility (SCIF) areas.

BART El Cerrito Station Seismic Retrofit | *$85M+ | Safety Director*

- Helped deliver the seismic retrofit ahead of schedule with no injuries or citations.
- Applied construction-safety planning in an active public-transit environment with significant interface among trades, equipment, vehicles, and the traveling public.

Oakland Zoo Animal Hospital | *$11M | 17,000 sq. ft. | Safety Director*

- Led safety for a design-build veterinary hospital with laboratories, surgical suites, food preparation and medical-support areas; the facility was identified in the source portfolio as California's first LEED-certified facility of its kind.
- Coordinated construction hazards around a functioning zoo environment and specialized animal-care operations.

Berkeley High School and Stadium | *Safety Director*

- Coordinated safety across demolition, new construction, multiple trades, subcontractors, vehicles, pedestrians, and training; completed with no recordable injuries or citations.
- Maintained traffic and pedestrian controls while supporting campus construction and athletic-stadium work.

ADDITIONAL LABORATORY & CAMPUS WORK

Stanford University projects included the MSOB East Wing EPS Office, Cantor Art Classrooms, Webb Ranch properties, Gages B/463/463A renovation, and laboratory projects generally ranging from $500,000 to $1.5M, including Safavi-Naeini, Pruitt-Kenny, Cargnello, Fordyce, Qi, Wang, Follmer, and Weis/Parham laboratories.

Additional SLAC work included the SSI North PEP Ring Upgrade Arc project, featuring pedestrian routes, crosswalks, site lighting, parking and driveway changes, paving, fencing, and campus access improvements.

RELEVANT CREDENTIALS

CSP #34078 | CHST #C3121 | ASP #ASP27891 | EM 385-1-1 | OSHA 30 | HAZWOPER 40 | Accident Investigation | Certified Rigger | TWIC

Competent-person and trainer experience: scaffolding, confined space, fall protection, trench safety, flagging, and traffic control.