


Jason R. Magness, P.E.

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With over 25 years of engineering and project management experience, 20 years of which are at UC Davis, I am uniquely qualified to assume the Executive Director of Engineering role in Design and Construction Management.

Profile

- Proven Leader
- Excellent Communicator
- 20 years of University Experience
- Exceptional Organizational and Planning Skills
- Experience in Infrastructure Systems
- Experience in Project Management

Experience

JUNE 2021 – CURRENT

Campus Engineering and Executive Director, Engineering / UC Davis, DCM

- Serving as Campus Engineering and as Executive Director of Engineering.
- Responsible for planning, design and construction management of all engineering activities for the UC Davis campus and selected off-campus facilities managed by UC Davis.
- Management responsibility for infrastructure engineering projects for utilities, roads and paths, campus facilities including labs, student and faculty housing, animal research housing, research facilities, administrative and classroom/lecture, food and animal science totaling up to \$500,000,000.

OCT 2018 – JUNE 2021

Director, Special Project / UC Davis, DCM

- Led the Special Project Group, focusing on smaller capital projects that typically have a tight budget and short timeline.
- Responsible for recruiting, training, setting expectations, evaluating performance and initiating reward or corrective action.
- Maintained effective and cooperative relationships with clients, faculty committees, campus and university administrators, campus departmental stakeholders, agencies, architectural and engineering consultants, and contractors.
- Represented SPG and DCM in large stakeholder groups such as Executive Project Advisory Committee (EPAC) meetings.
- Integrated UC Davis Furniture Services within Special Project Group.
- Improved relations between SPG and campus clients such as Facilities Management, Utilities, CNPRC, and College of Engineering.

JUN 2014 – SEPT 2018

Associate Director, Engineering / UC Davis, DCM

- Led the EPM group of nine Senior Project Managers to ensure the successful delivery of multiple complex capital projects with a high degree of quality within approved budget and schedule parameters and in accordance with all established laws, codes, and policies.
- Was responsible for the day to day management and leadership of specific capital improvement projects up to \$200M annually.
- Directly or indirectly managed complex infrastructure projects including: central plant, high voltage substation, medium voltage distribution, domestic water, chilled water, steam, sanitary sewer, stormwater, road and pathway.
- Responsible for recruiting, training, setting expectations, evaluating performance and initiating reward or corrective action.
- Focused on improved budget and schedule management of large and complex infrastructure projects for the EPM team

APRIL 2011 – MAY 2014

Senior Project Manager / UC Davis, DCM

- Conducted large scale and complex infrastructure projects from programming through project completion.
- Assumed day to day engineering management and leadership of infrastructure projects.
- Interacted and coordinated with campus clients, regulators, design professionals, and contractors.
- Developed and managed detailed project budgets, evaluated independent cost estimates, reviewed/approved change order and pay requests.
- Administered construction contracts and monitored operations for conformance with contract documents, codes, oversaw work of inspectors and material testing consultants, and actively assisted the contractor and design consultant in the resolution of technical and procedural issues.
- Directed and reviewed the preparation of design and construction documents, reviewed and approved contractor submittals, responded to contractor RFI, and effectively resolved field issues during construction.
- Drafted modifications to standard agreements and construction contracts that are consistent with UC policy.

MARCH 2010 – APRIL 2011

Senior Project Manager / US Army Corps of Engineers (USACE)

- Senior project manager that lead the multiyear \$880M Folsom Dam Auxiliary Spillway project.
- Led and directed an interdisciplinary team that awarded the first phase of USACE's portion of work.
- Was directly responsible for cost control scheduling, and operational considerations on projects.
- Initiated, managed, administered and approved plans that translated project objectives into completed functional phases.
- Coordinated the preparation of the project budget, and various cost, and management reports.
- Prepared, presented and testified on the behalf of the USACE before state and local governments, contractors, other agencies, and Congressional representatives.

MARCH 2001 – MARCH 2010

Senior Engineer, Supervisor / UC Davis, Utilities

- Managed the Solid Waste group, including both collections and disposal units.

- Supervised a staff of represented and non-represented employees.
- Responsible for regulatory compliance of the landfill.
- Permitted and opened a landfill expansion Cell as well as closed a landfill Unit.
- Managed in-house, the closure of the old unlined landfill unit.
- Expanded the groundwater treatment system.
- Expanded the landfill gas collection system and increased methane utilization by the CNPRC central plant.

MAY 2000 – MARCH 2001

Project Manager / UC Davis, Facilities Management

- Acted as the University's Representative on various Deferred Maintenance (DM) infrastructure projects, such as landfill construction, domestic water tower demolition and tank construction, stormwater and sanitary sewer lift station replacements.
- Developed project budget and schedule, prepared various cost reports.
- Managed design consultants and contractors through the design and construction phases.

JAN 1997 – MAY 2000

Civil Engineer / USACE, Sacramento, CA

- Rotated through various sections within the USACE for 18 months to develop my knowledge and understanding of the USACE organization.
- Worked as a construction inspector at Fort Ord, CA on US EPA Superfund site.
- After completion of the rotational program, was the Technical Manager within the Engineering Division for the Fort Ord Superfund site.

OCT 1994 – JAN 1997

Environmental Engineer / USACE, Sacramento, CA

- While completing my Master's degree, worked in the Environmental Design Section.
- Developed plans and specifications for environmental remediation systems, such as groundwater treatment and soil cleanup systems.
- Developed environmental work plans, sampling and analysis plans, and led field activities.

Education

JAN 1997

M.S. – Civil Engineering / C.S.U.S.

JUNE 1994

B.S. – Civil Engineering / C.S.U.S.

Licenses

Professional Civil Engineer – California - C 60657