

EDUCATION

- ◆ California State University, Chico
BS in Civil Engineering, 1999
Minors in Business Administration and Mathematics
- ◆ Continuing education includes courses in levee design in the Delta, public contract code requirements and competitive bidding, boundary law, planning / land use, and 3D digital modeling for civil related projects



PROFESSIONAL LICENSES and SOCIETIES

- ◆ Registered Civil Engineer in California, 63607
- ◆ Licensed Land Surveyor in California, 8122
- ◆ Member, American Society of Civil Engineers
- ◆ Member, California Land Surveyors Association

EXPERIENCE

2007 to present MBK Engineers, Sacramento, CA

Principal

Civil engineer in fields of flood control, hydrology, hydraulics, water resources planning, drainage, water supply, surveying, levee maintenance and construction management.

Supervising Engineer

Responsible for overall management of levee rehabilitation projects for various reclamation districts, including preliminary design, constraints identification, mission planning, surveying and data acquisition, data reduction and processing, final design, quality control and contract administration throughout construction. Responsible for internal QA/QC and team member development.

2003 - 2007 Milani and Associates, Concord, CA

Project Manager / Senior Civil Engineer

Responsible for overall management of projects, including defining design guidelines, providing team leadership, supervision, quality control, and on-the-job training for team members.

2000 - 2003 Creegan + D'Angelo, San Jose, CA

Associate Engineer

Perform various engineering calculations and tasks, including project management and coordination, improvement plan design and preparation, subdivision layout and mapping, utility capacity studies and design, SWPPP

preparation, hydrology / hydraulics for drainage systems and earthwork computations.

1999 - 2000

J. E. Schuricht and Associates, Pleasant Hill, CA
Engineer

Perform various engineering calculations and tasks, including surveying and construction staking using EDM equipment and software, subdivision design, structural calculations for cellular antenna sites, plan preparation, including zoning and construction drawings, and site meetings with clients.

PROJECT HISTORY

1999 to Present

- ◆ **Recent Levee Rehabilitation Projects:**
 - RD 756, Bouldin Island (multi-phased, 125,000 tons, 2011-2012)
 - RD 2025, Holland Tract (multi-phased, 340,000 cubic yards, 2010-2011)
 - RD 2026, Webb Tract (150,000 cubic yards, 2008)
 - RD 2025, Holland Tract (240,000 cubic yards, 2008)
 - RD 756, Bouldin Island (130,000 cubic yards, 2008)
 - RD 756, Bouldin Island (246,000 cubic yards, 2007)
 - RD 830, Jersey Island (multi-phased, 240,000 cubic yards, 2003-2007)

- ◆ **Commercial Development Projects:**
 - Mimi's Café (Concord and Hayward, CA)
 - Bay Ship and Yacht On-Site Ship Lift Improvements (Alameda, CA)
 - Edgewood Corporate Center Phases 2 and 3 (Tracy, CA)
 - San Jose Marriott (San Jose, CA)
 - Cypress Hotel (Cupertino, CA)

- ◆ **Other Project Highlights:**
 - Dutch Slough Tidal Marsh Restoration Project
 - Management Team Member
 - Lower American River Erosion Monitoring and Annual Reporting
 - Bear River North Levee - Erosion Report
 - Bear River North Levee - Bank Protection

PUBLICATIONS

- ◆ **Surveying Delta Levees, California Surveyor, Issue No. 158, 2009**

~ Additional information is available upon request ~