

# JAMIE L. MCVICKER

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## Distinguishing Qualifications

- ❖ More than 25 years of leadership experience in the public and private sectors on a wide array of multi-disciplinary engineering/architectural programs and projects, including studies, planning and estimating, design, and construction-phase services.
- ❖ Extensive expertise facilitating team engagement for diverse initiatives from training to engineering planning, design and construction.
- ❖ Proven experience building and maintaining effective teams on large-scale, high-profile projects and instilling confidence with upper management and clientele.
- ❖ Successful leadership on projects, adding value to the organization by providing strategic direction, establishing priorities, resolving conflicts, setting goals, producing high-quality products, mentoring staff and effectively managing resources and budgets.

## Professional Experience

### U.S. Army Corps of Engineers, Mississippi Valley Division Levee Safety Production Center (LSPC)

#### Technical Levee Manager

Managing efforts in support of a National Levee Safety Program (NLSP). Responsibilities include managing a team of approximately 50 professionals to conduct outreach with State and Tribal representatives as well as local levee owners/operators to inventory, inspect and conduct risk assessments on levees across the nation. Specific duties include strategic planning for the effort, budgeting and scheduling projections, developing the training curriculum and publication materials, team development and external stakeholder engagement.

As the former levee safety program manager for the St. Louis District office, my responsibilities included directing, managing and monitoring staff members assigned to levee safety activities including interdisciplinary engineers, technicians, geologists and technical writers; planning the work to be accomplished; and setting and adjusting both short and long-range priorities and objectives followed by establishing schedules and budgets to ensure completion of the work.

Have presented at numerous workshops, conferences and meetings for both internal and external audiences to discuss specific initiatives by the St. Louis District, including financial, schedule and metric accomplishments or specific attributes of the USACE civil works and levee safety program.

#### Levee Inspections, Screenings and Evaluations

St. Louis District Program Manager responsible for conducting continuing eligibility inspections, risk assessments and evaluations for flood risk reduction infrastructure in the USACE portfolio. Lead and direct a team of multi-disciplined technical staff members who execute the work and brief output products to District leadership.

#### *USACE HQ Leadership*

#### USACE-wide Levee Periodic Inspection Program January 2010 – 2016

Program Manager for a USACE-wide levee safety periodic inspection program, responsible for leading and providing guidance and support to participating Districts for the \$150M program. The program consisted of 100+ architectural/engineering (A/E) task orders awarded by 29 USACE Districts. Throughout this assignment, I demonstrated stakeholder focus and effective

communication by working daily with District/Division levee managers from all USACE Districts from program inception (2009) to coordinate initiatives associated with establishing and managing milestones, budgets and schedules. Prepared communication materials for HQ/Division to brief upper management about program status and templates distributed Corps-wide to promote consistency and this was followed up with individual Division-wide conference calls to describe protocols and provide guidance. Collaborate weekly, if not daily, with budget analysts, District/Division managers, contracting and resource management, real estate and engineering to continually manage the project schedule and budget to ensure goals are met. My leadership abilities are evidenced by monthly reporting on the PI program status to the RMC project review board, addressing questions and providing materials for discussion. Co-lead monthly Corps-wide webinars to communicate progress, discuss milestones, technical issues and budgets.

#### Nationwide Contract Manager January 2010 – May 2015

After serving on the selection board, managed eight nationwide indefinite delivery, indefinite quantity (ID/IQ) USACE contracts consisting of four large business and four small business architectural/engineering (A/E) firms totaling \$48M over a five-year term. Responsibilities included developing procedures to distribute and track contract capacity and promoting the use of the contracts for levee inspections across the country. Provided oversight and direction for capacity distribution for task orders applied to national contracts to ensure capacity wasn't exceeded and contracts were awarded.

#### International Levee Handbook October 2010 – February 2015

Manager and contributing author of an International Levee Handbook written to provide guidance and lessons learned among participating countries while serving as a comprehensive manual for the design, operation and maintenance, inspection and construction of levees. Responsibilities included providing leadership and guidance to a diverse team of over 40 volunteer professional contributors from government and private industry for the development of two handbook chapters. Additionally responsible for managing the efforts of all Corps lead contributors from the standpoint of meeting schedule milestones and budgets. Participating countries included: France, United Kingdom, Netherlands, Germany, Ireland and US.

#### *USACE MVD DLSPC Leadership*

#### Levee Safety Community of Practice Training January 2012 – Present

Program Manager and facilitator for a Levee Safety Fundamentals PROSPECT Course, directing the efforts of USACE subject matter experts to develop the curriculum, achieving the first USACE levee safety PROSPECT course. Feedback from the first course was overwhelmingly positive. Additionally assisting in a lead role with the MVD DLSPC with strategic planning for the establishment of future levee safety courses and curriculum associated with Corps-wide training.

#### U.S. Army Corps of Engineers, St. Louis District

##### **Assistant Chief, Engineering and Construction (GS-14): May - September 2014**

In 2014, accepted an opportunity to work under the direction of the Chief, Engineering and Construction (E&C) Division for the St. Louis District. Supervisory position responsible for providing leadership and guidance through oversight and coordination with St. Louis District E&C Branch Chiefs to include design, geotechnical & hazardous, toxic & radioactive waste, hydrologic and hydraulics, construction, environment & munitions, curation & archives, geospatial and finance. Primary duties included application of professional knowledge of civil engineering disciplines and executive level managerial, administrative and communication skills to assist and support the Chief of E&C in managing the 280-person division. Represented the E&C Division in meetings with representatives from Congress, state and local governments and private interests on matters requiring a thorough knowledge of the District's civil works program and projects. Planned, directed, reviewed and evaluated in-progress work accomplished by subordinate staff. Frequently participated in meetings with representatives from HQUSACE and MVD on engineering matters, unusual or controversial program issues related to execution, policy, or technical problems and recommended viable solutions for consideration. Routinely attended A/E contractor meetings to discuss current projects and prospective future work aligning this with short and long-term USACE priorities as well as A/E contract vehicle availability and usage. Responsible for coordinating and briefing the District executive office, performing reviews of memoranda, technical reports, plans, specifications and cost estimates, managing the District DA Intern program and answering executive-level data calls. Successfully coordinated the efforts for a mid-year analysis of division staff needs, assisting branch chiefs with compiling individual staffing requests through the financial group. Met weekly with branch chiefs to discuss staff issues, programmatic, policy and/or technical problems, proposing alternative solutions for consideration. Reviewing monthly reports on direct and

indirect expenses helped in my pursuit of monitoring division performance. Additional assignments while in this position included facilitation of a STEM outreach program and coordination with support offices within the District to include logistics, contracting, ACE-IT and resource management. Provided recommendations to the Chief for supervisory performance appraisals and monetary awards and conducted other typical administrative duties which involved the coordination of personnel actions, time-keeping, travel, leave and overtime requests, CEFMS approvals and financial reviews.

Assistant Program Manager for a USACE-wide levee safety periodic inspection program, responsible for leading and providing guidance and support to participating Districts for the initial \$90M program. At the onset of the program, was responsible for the development of the overall Program Management Plan, reviewed and endorsed by USACE HQ. Worked extensively with the Cold Regions Research and Engineering Laboratory (CRREL) personnel to coordinate the logistics and training associated with new Levee Inspection System tablets that were distributed Corps-wide for use on inspections.

### **HDR Engineering, Inc., St. Louis, Missouri**

#### **Civil / Transportation Project Manager & Marketing Manager: November 2007 – February 2009**

Engineering Project Manager and Marketing Manager for the St. Louis office of HDR Engineering responsible for supervising, directing and coordinating civil engineering projects as well as business development for the firm's water/wastewater, transportation and environment and resource management groups. Worked directly with the office manager to recommend policies, methods and procedures and propose organization and personnel changes for efficient prosecution, administration and control of the 40-person office functions. Direct collaboration with the office manager to assess current and future trends within the industry, making strategic recommendations to support the office's future direction. Responsible for keeping abreast of ongoing projects, issues related to client concerns, budgets and schedules accomplished through periodic staff meetings and external client interaction.

As Marketing Manager, I represented the firm with clients including USACE, Metropolitan St. Louis Sewer District, Missouri and Illinois Departments of Transportation, St. Louis City and County, Great Rivers Greenway and numerous communities within the St. Louis region. Interaction with current and prospective clients required professional knowledge of various civil engineering disciplines, a comprehensive understanding of the firm's capabilities and effective communication skills. Responsibilities included addressing and confronting technical and personnel issues related to client satisfaction, maintaining business relationships and developing new opportunities through client relationships and teaming with other A/E firms. My efforts proved successful acquiring design contracts through MoDOT, Metro, Wildwood, Chesterfield, O'Fallon and the Great Rivers Greenway.

### **Horner & Shifrin, Inc., St. Louis, MO**

#### **Associate, Project Manager and Business Development Representative: June 1994 – Oct 2007**

Appointed by the board of directors as one of 12 company associates, responsible for operational leadership and guidance for long-term strategizing, planning, coordinating and administering the firm's mission. Participated in monthly associate meetings to provide recommendations to the board of directors related to corporate policies and focus areas, operational methods and procedures, personnel issues and facilities. As a lead manager, prepared and conducted performance appraisals for technical engineering staff members and interviewed candidates for employment, making recommendations for staffing vacancies. Counseled employees, listening to issues and complaints and coordinated with human resources for necessary disciplinary actions. Represented the firm in meetings with clients including Federal, State and local governments on matters requiring a thorough knowledge of the company's capabilities as well as former and current projects. As the primary point of contact for clients, was responsible for negotiating the terms of awarded contract work, communicating information related to work status and progress, budgets, schedules and proposing solutions for engineering issues that were encountered. Gained 14 years of engineering experience, transitioning from civil design engineer and construction inspector to project manager and resident engineer on a variety of civil engineering projects. My role as project manager included engineering design, budgeting, scheduling, mentoring engineering staff, coordinating with the client, and addressing public issues and concerns. Typical responsibilities while serving as resident engineer and construction administrator included coordination of field inspection personnel and material testing services, client and contractor negotiation, progress meeting facilitation, comprehensive construction inspection and documentation. My expertise in leading and directing multi-disciplined engineering teams including civil, mechanical, electrical, structural and architectural specialties was applied to the design and construction of a variety of facilities in numerous Illinois and Missouri communities. Attained over 12 years of experience for

a vast number of civil engineering projects involving the construction of roads, bridges, water, storm and sanitary sewer line installation, airport runways and taxiways, parking lots and buildings many of which included earthen embankments and subgrade stabilization, detention basins, retaining walls and stream-bank stabilization.

## Education

- ❖ Bachelor of Science, Civil Engineering, Southern Illinois University, Carbondale, Illinois – May 1994  
136 Semester Hours
- ❖ Master of Business Administration, Webster University, St. Louis, Missouri – September 2004  
45 Quarter Hours
- ❖ Master's Certificate in Risk Management, Notre Dame of Maryland University, Baltimore, Maryland – August 2017  
18 Credit Hours

## Professional Registrations / Certifications

- ❖ Professional Engineer: Missouri, Illinois
- ❖ Project Management Professional
- ❖ Contracting Officer Representative Certification - USACE
- ❖ Material Documentation Certification, Illinois Department of Transportation (IDOT)
- ❖ Portland Cement Concrete Material Testing Certification (IDOT)
- ❖ Asphaltic Concrete Material Testing Certification (IDOT)
- ❖ Aggregate Material Testing Certification (IDOT)
- ❖ Nuclear Density Testing Certification (IDOT)

## Professional Publications

- ❖ Participating author for International Levee Handbook, 2013
- ❖ Author (Flood Risk Management Fall 2017 Newsletters and Silver Jackets Newsletter)
- ❖ Author for Construction Industry Research and Information Association (CIRIA) article regarding United States participation and involvement with an International Levee Handbook, published in 2013.
- ❖ Co-author of promotional materials developed for St. Louis District levee safety program activities.

## Professional Activities

- ❖ St. Louis University Aviation & Engineering Department  
Advisory Board Member: 2017 - 2020
- ❖ Society of American Military Engineers  
President: 2015-2016  
Vice President: 2014  
Co-Chairman: 2014 Midwest Levees and Rivers Technical Exchange  
Education and Mentoring Chairman: 2006-2009  
Scholarship Committee Chairman: 2006-2011  
Secretary: 2010-2011
- ❖ Engineers Without Borders
- ❖ American Council of Engineering Companies
- ❖ Engineers' Club of St. Louis
- ❖ American Public Works Association
- ❖ American Society of Civil Engineers  
Construction Committee Chairman: 2006-2008  
Membership Committee Chairman: 2004-2006  
Practitioner Advisor SIU-C: 2007-2011

## Professional Recognition

- ❖ USACE Civilian of the Year - 2017
- ❖ USACE National Team Award - 2015
- ❖ USACE Flood Risk Management Program Recognition and On the Spot Award – 2015
- ❖ Public Sector Achievement Award, Society of Women Engineers, St. Louis - 2014
- ❖ Jefferson Cup Award – USACE Levee Safety Program - 2012
- ❖ Outstanding Employee Recognition Award, Horner & Shifrin - 2007
- ❖ American Society of Civil Engineers, St. Louis Section, Young Engineer of the Year – 2001

## References

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