

Juan Rael, P.E.

SUMMARY

Dynamic professional that can provide technical experience and leadership to the Los Alamos County Public Works Director position. Experienced in private industry, state government, federal government, and local government policies and regulations. Experienced in project planning, design, and construction. Experienced in developing and executing FY budgets in accordance with government priorities. Strong written and verbal communication skills & customer service focused. Skilled in building and leading teams, mentoring staff, HR issues, and succession planning.

PROFESSIONAL EXPERIENCE

Los Alamos County Los Alamos, NM May 2018- Dec. 2021

Traffic & Streets Division Manager/Traffic Engineer

- Provided planned and responsive monitoring, maintaining, repairing, and planning for the surface transportation and traffic engineering programs for Public Works
- Manage division consisting of 24.0 FTE
- Manage annual budget of \$4.91 Mil., consisting of three programs, Traffic & Streets, Pavement Preservation, and Traffic Maintenance
- Provides high level of Customer Service to citizens, businesses, contractors, and other County divisions
- Responsible for the Los Alamos County's Snow Removal response and annual Snow & Ice Control Plan
- Provides direction and leadership to staff to ensure delivery of effective and essential services to the citizens of Los Alamos County

Engineering Project Manager

- Responsible for the design and construction of roadway Capital Improvement Projects such as the North Mesa Phase II project and the Tsikumu Village Improvements
- Assisted with the bidding, procurement, and award of construction projects
- Managed the field construction to ensure quality and project budgets were maintained
- Delivered multiple construction projects on-time and under budget

New Mexico Department of Transportation Santa Fe, NM Feb. 2013- April 2018

Construction Liaison Engineer-Supervisor

- While acting on behalf of the Federal Highway Administration, responsible for the oversight of federal-aid projects to ensure that all federal and state requirements are met
- Responsible for the oversight of the design and construction of \$10's of millions of federal and state tax dollars including review and approval of contract change orders
- Strong supervisory and management experience, while building a technical and compliance-staff team
- Key member for the revival of the NMDOT Engineers-in-Training (EIT) program with responsibilities for outreach, recruitment, career fairs, interviewing, hiring, and mentoring young engineers
- Consistently called on by management for leadership roles and technical advice

Assistant Regional Manager

- Responsible for the management and delivery for one-third (North Region) of the NMDOT's design program (approximately \$50 million dollars annually)
- Responsible for 25 employees, assignments of projects, and managing the department's annual budget
- Experience in public speaking, presenting controversial projects, meeting with the public and elected officials
- Well versed in the NEPA process, which is required for every NMDOT project
- Member of the NMDOT's 2040 Long Range Plan implementation

Project Development Engineer

- Responsible for several complex design projects throughout northern New Mexico including the NM 502 Roundabout, NM 30 Improvements, La Plata Bridge replacement, and New Mexico's first Diverging Diamond at I-25/Cerrillos
- Well versed in contract management, consultant selection, fee negotiating, budgeting, procurement, and scheduling
- Experienced in coordinating with multiple agencies including the City of Santa Fe, Santa Fe & Los Alamos counties, Pueblos of Santa Clara & Pojoaque, Town of Taos, Taos County, BLM-Taos Field Office
- Strong communication skills as exhibited by leading design teams that consisted of engineers, surveyors, environmental scientists, and technicians

Wilson & Company

Albuquerque, NM

Mar. 2009- Jan. 2013

Project Manager

- Led multiple project efforts in the planning, design, engineering, cost estimating & project scheduling
- Responsible for numerous projects ranging from the design of rural Pueblo routes to the civil engineering design for large projects throughout New Mexico
- Managed the Civil Engineering design and construction for complex projects at LANL
- Led multiple projects as the lead Civil Engineer for capital projects for the Bureau of Indian Affairs
- Experienced with project budgeting and labor projections to ensure full delivery of the contract terms while maintaining profitability for the company

RBF Consulting

Irvine, CA

May 2005- Mar. 2009

Design Engineer

- Responsible for a variety of engineering design tasks including cost estimating, grading and drainage, roadway geometrics, storm drain, water, & sewer utility design
- Worked with other design professionals on facilities projects including HVAC, plumbing, and electrical disciplines
- Identified and selected as a Young Leader for RBF's Management and Leadership Program

EDUCATION & PROFESSIONAL LICENSURE

Bachelor of Science Civil Engineering

New Mexico State University

May 2005

New Mexico Licensed Professional Engineer

No. 19456

August 2009

LEADERSHIP AND PROFESSIONAL ACHIEVEMENTS

- Leadership Los Alamos- Class of 2022
- Los Alamos County Academy- Class of 2022
- Nominated and was inducted to the NMSU Civil and Geological Engineering Academy as a notable alumnus in 2021
- Volunteered as a "Big Brother" for the New Mexico Big Brothers, Big Sisters Program
- Member of Institute of Transportation Engineers
- Member of Illuminating Engineering Society
- Former Advisory Committee Member for New Mexico Local Technical Assistance Program
- Member of Chi Epsilon, Civil Engineering Honor Society