MICHAEL B. ROBINSON, PE

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ACADEMIC BACKGROUND

- B.S., Civil Engineering, University of Wyoming

PROFESSIONAL REGISTRATIONS

- Registered Professional Engineer, States of Arizona, California, and Nevada

PROFESSIONAL AFFILIATIONS

- Association of Asphalt Paving Technologists
- National Asphalt Pavement Association – past committee member
- Transportation Research Board – active in committee activities
- California Asphalt Pavement Association (CalAPA)

PROFESSIONAL EXPERIENCE

October 2014 to Present
Owner of **Mike Robinson LLC**, providing a full spectrum of plant-mixed asphalt and pavement-related services including design, production through placement, QC/QA and troubleshooting, failure analysis, training, and construction claims support. Claims support and dispute resolution work includes expert witness services for an airport paving project and a local agency paving project.

September 2012 to October 2014
Estimator, Materials Manager, ***Sierra Nevada Construction, Inc.****, Sparks, NV* - Responsible for operations, maintenance, capital improvements, quality control, and financial performance of a drill and shoot aggregate quarry, aggregate crushing and screening plant, stationary asphalt hotplant, and portable asphalt hotplant. Duties include locating and developing new construction material sources, obtaining and maintaining environmental permits, overall pricing structure, sales and quoting, liquid asphalt supplier including DBE relations, capital improvements, dispute resolution, and new technologies / research, and development of heavy civil construction proposals using HCSS HeavyBid. Claims support and dispute resolution work included several airport projects, a USACE project, and local agency work including differing site conditions for a pipeline project.

November 2007 to August 2012
Principal Professional, ***Kleinfelder, Inc.****, Reno, NV* – Served as Pavement Engineering Practice Leader providing pavement design, specification development and conformance, forensic investigations, expert witness services, materials evaluations and research, training, air quality permitting and compliance, and senior technical review of pavement-related documents. Claims support and dispute resolution work for owner/agencies, contractors, and design consultants included airports, racetracks, local agency, and private development projects.

October 2004 to November 2007
Stantec Consulting*, Reno, NV* – Forensic evaluations of pavement failures, Consultant Resident Engineer for bridge and railroad projects, Engineer of Record services for large residential developments. Claims support and dispute resolution work for owner/agencies, and

contractors included state DOT, local agency, and private development projects including a bridge and a railroad.

May 2001 to October 2004
***Nichols Consulting Engineers**, Chtd., Reno NV* – design engineer for roadway rehabilitation and reconstruction projects, construction management, National Highway Institute Certified Instructor updating and delivering classes across the country, forensic evaluations of pavement failures, and expert witness services. Claims support and dispute resolution work for owner/agencies, contractors, and design consultants included several eminent domain "takings."

November 1991 to May 2001
***Granite Construction Company**, Sparks, NV* – estimator, project engineer, project manager for projects including the first crack and seat / rubblize project in Nevada and the federally-funded WesTrack research project. Claims support and dispute resolution work included a materials testing claim in excess of $1 million, subcontractor claims and a failure to perform, state DOT, and local agency projects.

September 1987 to October 1991
***California Department of Transportation (Caltrans)**, Bishop, CA* – Project development, hydraulic design, construction inspection, Resident Engineer, Assistant District Construction Engineer. Claims support and dispute resolution work included roadway and drainage projects, and included oversight of all claims for District 9.

Selected Seminars/Training

Dispute Resolution Board Foundation 2015 Caltrans DRA/DRB Training

Course Development and Delivery, Cost-Effective Low-Volume Pavement Treatments for the Nevada Local Technical Assistance Program (LTAP)

Course Update, American Public Works Association Introduction to Construction Inspection - Section 11 Street & Surface Improvements. Updated and rewrote section to correct deficiencies and to modernize the section.

Guest Speaker, Rocky Mountain Asphalt Conference - Denver, CO..

Guest Speaker, Association of Modified Asphalt Producers Annual Meeting - Nashville, TN. Paving of Infineon Raceway.

Course Update, National Highway Institute Hot Mix Asphalt Production Facilities. Updated the existing course by adding images and animation and rewriting portions and developing example problems for class participation.

Guest Speaker, Asphalt Pavement Conference - Nashville, TN. Presentation and Panel Discussion - Hot Mix Asphalt Production.

Invited Speaker, 2007 Idaho Road Builders Conference -. Challenges and solutions for paving in marginal and difficult situations, including cold weather paving and paving of racetracks.

Invited Speaker, Idaho Transportation Department. 2009 Project Development Conference. Using Recycled Asphalt Pavement (RAP).

Invited Speaker, ADOT / ASU. Arizona Pavements / Materials Conference. *Well, if it were me ... observations from two decades of HMA construction.*

Misc. Info

Technical Panel Member - Airport Asphalt Pavement Technology Program Project 04-05 - Longitudinal Joints 2005-2007

Transportation Research Board Committee involvement:

- AFK10 General Issues in Asphalt Technology
- AFK50 Characteristics of Asphalt Paving Mixtures to Meet Structural Requirements
- AFH10 Construction Management
- AFH60 Flexible Pavement Construction and Rehabilitation

National Asphalt Pavement Association Committee involvement:

- Energy and Recycling Task Force
- Quality Improvement Committee

California Asphalt Pavement Association (CalAPA)

- Technical Committee