

---

Pat has been involved in the testing and inspection industry for approximately 9 years. His experience includes testing and inspection during construction of federal highways, airports, hospitals, bridges and roadways, parking structures, mining facilities, residential projects, commercial buildings, and industrial projects throughout northern California and southern Oregon. His responsibilities as an engineering technician have included field observation and special inspections and laboratory testing of construction materials, including soils, concrete, masonry, asphalt concrete, high strength bolts and bolting, and welding. He has held positions of Technician and Special Inspector.

#### **TECHNICAL CAPABILITES**

- ◆ Welding inspection and NDE
- ◆ Materials testing and inspection
- ◆ Field observation and special inspections
- ◆ Laboratory testing of construction materials
- ◆ Quality Control Supervision
- ◆ Concrete Plant Inspection

#### **CERTIFICATION**

- ◆ American Concrete Institute, Field & Lab, Aggregate Testing, Grade I
- ◆ Nuclear Radiation Certification for Moisture/Density Gauges
- ◆ ICC, Special Inspector, Reinforced Concrete, Structural Masonry, Structural Steel and Welding
- ◆ Caltrans Certified in the Following: 105, 106, 125AC,125AGG 201,211, 202, 204, 206, 211, 217, 304,308, 366, 370, 375,379, 526
- ◆ NRMCA Approved Plant Inspectors Assistant

#### **PROJECT EXPERIENCE**

##### ***Materials Testing and Inspection***

Route 99, Visalia, 2007 Street inspection and sampling

Route 33, Kettleman City, 2007 Street inspection and sampling

Oroville/Quincy FHWA, 2007 plant inspection, mix designs, and laboratory testing

Route 5, near Redding, Lakehead 2006 Street inspection and sampling

Interstate 80 near Auburn 2005 Street inspection and sampling

Gold Lake Highway 2005 Inspection and Testing on this FHWA Project

Route 5, 273, 299, Near Redding – 2005 Street inspection and sampling

Klamath Falls International Airport – 2005, 2006, 2007, 2009 inspection, sampling, and density testing

Lassen Park Road FHWA 2007 – Quality Control Supervisor, construction inspection

Hyampom Road FHWA 2008, 2009 - Quality Control Supervisor, construction inspection

Mad River Road FHWA 2003 - Quality Control Supervisor, construction inspection

Death Valley FHWA 2006 - Quality Control Supervisor, construction inspection

Gansner Field FAA Project, Quincy, 2004 – Soils and asphalt testing

Knauf Fiberglass, Shasta Lake City, 2001 – Concrete, masonry, steel, soils, mechanical anchor, post tensioning, fire proofing, and asphalt testing and inspection

Macy's, Redding, 2001 – concrete tilt up inspection, structural steel, fireproofing testing and observation