
Jessica is the laboratory manager for CGI Technical Services. She has been involved in the construction materials testing and special inspection field for the past four years. She is responsible for maintaining the laboratory accreditation with AASHTO (AMRL and CCRL) and California Department of Transportation (Caltrans). Her duties include supervision and training of the laboratory technicians, maintenance and calibration of equipment. Her responsibilities also include laboratory testing of construction materials, such as soils, concrete, masonry, and asphalt concrete.

EDUCATION

- ◆ Bachelor of Science, California Polytechnic State University, San Luis Obispo, California 2001

TECHNICAL CAPABILITES

- ◆ Materials testing and inspection
- ◆ Laboratory testing of construction materials
- ◆ Hot Mix Asphalt Design
- ◆ Hot Mix Asphalt – Quality Control/Assurance
- ◆ Laboratory Technician Training

CERTIFICATION

- ◆ Nuclear Radiation Certification for Moisture/Density Gauges
- ◆ American Concrete Institute Laboratory Testing Technician, Grade I
- ◆ Caltrans Certified in the Following: 105, 106, 125AC, 125AGG, 201, 202, 204, 205, 206, 207, 208, 211, 217, 226, 227, 229, 301, 304, 308, 309, 366, 367, 370, 371, 375, 379, 382

PROJECT EXPERIENCE

Materials Testing and Inspection

Quincy/Oroville FHWA 2010 Plant inspection, mix designs, and laboratory testing
Route 44, near Old Station 2010 Plant inspection, mix designs, and laboratory testing
Route 299, near Old Station 2010 Plant inspection, mix designs, and laboratory testing
Route 5 Oasis Interchange 2010 Plant inspection, mix designs, and laboratory testing
Yosemite FHWA 2009 Plant inspection, mix designs, and laboratory testing
Klamath Falls International Airport, 2009 Performed Quality Assurance testing and inspection
Route 145, near Madera, 2009 Plant inspection, mix designs, and laboratory testing - Caltrans QC/QA project
Route 299, near McArthur, 2009 Plant inspection, mix designs, and laboratory testing - Caltrans QC/QA project
Route 5, near Hilt, 2008 & 2009 Plant inspection, mix designs, and laboratory testing - Caltrans QC/QA project
Hwy 70, 2008 & 2009 Plant inspection, mix designs, and laboratory testing - Caltrans QC/QA project
Hyampom FHWA, 2008 & 2009 Plant inspection, mix designs, and laboratory testing
Lassen Park FHWA, 2008, 2009 Plant inspection, mix designs, and laboratory testing
Trinity FHWA 2008 Plant inspection, mix designs, and laboratory testing
Route 5, near Corning, 2008 Plant inspection, mix designs, and laboratory testing - Caltrans QC/QA project
Route 99, Visalia, 2007 & 2008 Plant inspection, mix designs, and laboratory testing
Route 33, Kettleman City, 2007 Plant inspection, mix designs, and laboratory testing
Oroville/Quincy FHWA, 2007 Plant inspection, mix designs, and laboratory testing
Route 5, near Redding, Lakehead 2006 Plant inspection, mix designs, and laboratory testing
Route 89/299, near Burney 2006 Plant inspection, mix designs, and laboratory testing
Route 395, Hallelujah Junction, 2006 Plant inspection, mix designs, and laboratory testing