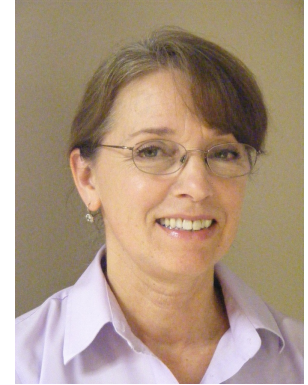


GERVASIO & ASSOC., INC.
CONSULTING ENGINEERS
77 EAST THOMAS ROAD, SUITE 120
PHOENIX, ARIZONA 85012
(602) 285-1720 • (602) 285-1530 (FAX)

**CURRICULUM
VITAE:**

Marlene Betani, P.E.



EDUCATION:

Bachelor of Civil Engineering
Cleveland State University, 1980

REGISTRATIONS:

Arizona - Structural Engineer #20389

MEMBERSHIPS:

Structural Engineers Association of Arizona
American Welding Society
Certified Welding Inspector #08041011

EXPERIENCE:

1985 - Present

Gervasio & Assoc., Inc., Phoenix, Arizona. Forensic Structural Engineer. Assist in the preparation of comprehensive investigations and reports on the cause of structural failures, construction disputes and engineering disputes. Design repairs and rehabilitations associated with the reports and other problems. Consults with design engineers in the firm on projects for which she has special experience.

Relevant experience in renovation and rehabilitation projects:

- Tonto National Bridge Lodge, near Payson, Arizona. Responsible for structural investigation and design of strengthening structural floor and roof framing members for code load upgrades.
- Bluewater Casino & Hotel, Parker, Arizona. Responsible for structural investigation and reinforcement of structural deficiencies with additional remodel work.
- Herberger Theatre, Phoenix, Arizona. Responsible for structural investigation and design for upgrade of rigging support framing and handrails.
- ASU Stadium, Tempe, Arizona. Responsible for structural design and details for deteriorated concrete and steel framing members and connections.

Design projects include design of numerous steel, concrete, wood frame and masonry commercial and industrial structures. Projects include: Franz Klammer Lodge, 7-story, 244,000 sq. ft., Telluride, CO; Bureau of Land Management Training Facility, Phoenix, AZ; Freeway Operations Building, Phoenix, AZ; Maricopa County Highway Traffic Operations Building, Phoenix, AZ; Gore Medical Products Division, 124,000 sq. ft. w/ mezzanine, Flagstaff, AZ; Safeway Distribution Center, 185,000 sq. ft., Tempe, AZ; Motorola, Inc., 2-story, 113,000 sq. ft., Tempe, AZ; Phoenix Cardinals Headquarters and Training Facility, 3-story, 70,000 sq. ft., Tempe, AZ; Four K-Mart Stores, 104,000 sq. ft. each in Bullhead City, Green Valley, Show Low, and Prescott Valley, AZ; Arrowhead Country Club Clubhouse, 2-story, 33,000 sq. ft., Phoenix, AZ.

EXPERIENCE: (Cont.)

- 1981 - 1985 Read Jones Christoffersen, Inc., Phoenix, Arizona. Designed and detailed a steel framed library in Parachute, Colorado. Designed a 5-story composite steel and concrete hospital in Abilene, Texas. Special inspections on a 3-story office building, a 4-story post-tensioned hospital, a 12-story post-tensioned office building and a 12-story regularly reinforced office building.
- 1980 - 1981 Norfolk and Western Railway Company, Bridge Dept., Cleveland, Ohio. Prepared steel bridge repair plans, bridge tie framing plans, and masonry restoration project plans. Designed and detailed replacement bridge spans. Analyzed abutment stability and sized culverts. Prepared a rating study for an overhead highway bridge.
- 1977 - 1978 Arthur G. McKee and Company, Cleveland, Ohio. Cooperative Education Position. Drew steel structure and concrete foundation plans, plot plans, for oil and chemical plant projects.