



Todd has been the leader of our Construction Services Group for the Utah and Colorado offices since joining J-U-B in 2008. He uses his passion for construction to effectively manage the construction service personnel to continually increase their capabilities. Along with these duties, Todd performs Resident Engineering duties for UDOT and CDOT Federal-Aid projects and has become well versed in their construction protocols and procedures.

With 25 years of experience, he has gained an extensive working knowledge of how projects are constructed and managed while understanding their design principles and requirements. Todd has a comprehensive understanding of the construction environment.

Todd has experience working on the contracting side where he has worked as a construction superintendent, and as an owner's advocate performing construction management. This gives him an intrinsic ability to partner with builders for mutual success as shown by leading multiple projects chosen for Best Partnering Awards. These skills are used to mediate between the contractor and owner to proactively establish risks and jointly find cost effective solutions that minimizes contract changes.

## PROJECT EXPERIENCE

### RESIDENT ENGINEERING PROJECTS

- East County Line Road/Weld County Road #1 Bridge Over St. Vrain Creek; Boulder County/CDOT \$3.5M
- Kaysville 200 North & Flint Street Reconstruction; Kaysville/UDOT Region 1 \$1.8M
- Austin Nevada Airport Apron Reconstruction; Lander County/FAA \$700K
- Roosevelt Municipal Airport Apron Reconstruction; Roosevelt UT/FAA \$1.5M
- Miley Memorial Airport Pavement Rehabilitation; Big Piney WY/WYDOT \$115K
- Logan Signal Improvements; Logan/UDOT Region 1 \$150K
- Icy Springs Bridge Replacement; Coalville/UDOT Region 2 \$1.1M
- Murdock Canal Trail Design-Build; Utah County/UDOT Region 3 \$14M
- I-15 Corridor Vicinity Improvements; UDOT Region 3 \$1.6M
- Lindon Heritage Trail; Lindon/UDOT Region 3 \$1.1M
- 1500 South Phase I & II Redwood Road to 1450 West; Woods Cross/ UDOT Region 1 \$2.7M

### EDUCATION

B.S. Civil Engineering, University of Massachusetts, Lowell, 1991

### REGISTRATION

California P.E. 52322

Colorado P.E. 0049303

Wyoming P.E. 15305

Utah P.E. 5756926-2202

### PROFESSIONAL AFFILIATIONS

AGC/UDOT/ACEC

Highway Safety Committee

Consultant RE Committee

Partnering Committee

### WORK HISTORY

Construction Group Manager  
J-U-B ENGINEERS, Inc.  
Salt Lake City, UT, 2008-Present

Project Engineer  
Tighe & Bond, Inc.  
Westfield, MA, 2006-2008

Project Manager, Crane  
Construction Northwest, Inc.,  
Salt Lake City, UT, 2004 - 2006

Project Manager  
Edward Kraemer & Sons, Inc.  
Salt Lake City, UT, 2003-2004

Project Superintendent  
Washington Group International  
Boise, ID, 1994-2003

Bridge Engineer  
California Department of  
Transportation  
Los Angeles, CA, 1991-1994

- Clinton 800 North 1000 West to 2000 West; Clinton/UDOT Region 1 \$3.3M
- SR-48 2700 West to 4800 West Phase I & II; West Jordan/JVWCD/UDOT Region 2 \$15M
- Safe Routes to Schools Projects 2009 & 2010; UDOT Traffic & Safety \$2.5M
- Coalville Main Street & SR-280; Coalville/UDOT Region 2 \$2M
- D&RGW Rail Trail; Kaysville/UDOT \$330K
- 2300 South Reconstruct; Millville/UDOT Region 1 \$900K
- Hooper Trail; Hooper/UDOT Region 1 \$700K
- Two Bridges; Sandy/UDOT Region 2 \$730K
- I-215 Redwood Rd Ramp Enhancement; Taylorsville/UDOT Region 2 \$1M

### **CONSTRUCTION SERVICE PROJECTS**

- Independent Cost Estimate – Greens Ferry Overpass Design-Build
- Constructability reviews and Project Controls – Bangerter /7800 S /7000 S /6200 S Design-Build
- Contractor Selection Committee and Independent Cost Estimate - Cache Water Restoration
- Contractor Selection Committee – Layton Interchange Design-Build
- CPM Schedule reviews – I-15 Beck Street Design-Build

### **MUNICIPAL RESIDENT PROJECT REPRESENTATIVE**

- Harbor Point Development; Stamford, CT
- Clough Road Water Tank; Waterbury, CT
- The Reserve Housing Development; Danbury, CT
- Father Peter's Lane Roadway Improvements; New Canaan, CT
- Georgetown Village Restoration Development; Georgetown, CT

### **CONTRACTOR EXPERIENCE**

#### **Coal Generation Plant; Battle Mountain, NV**

- Designed multiple sheetpile cofferdams and managed the installation for this Coal Generation Plant for Newmont Mining Co.

#### **Flying J Refinery Expansion; North Salt Lake, UT**

- Managed the pile driving operation and the construction of the concrete foundations for this expansion project.

#### **Chevron Refinery Cleaner Fuels Project; North Salt Lake, UT**

- Managed the installation of over 600 pipe pile within the Chevron Refinery.

#### **Super Wal-Mart Parking structure; Salt Lake City, UT**

- Managed and scheduled all field and office personnel and subcontractors for the construction of the 359,000 square foot, two-level parking structure for the Super Wal-Mart in Salt Lake City. Created and maintained project schedule while controlling project budget. Developed cost effective means to heat

sub-grade and concrete in order to maintain project schedule during one of Salt Lake City's coldest winters on record.

#### **Decatur Pump Station; Las Vegas, NV**

- Managed and scheduled all field personnel and subcontractors for the construction of the Decatur Pumping Station for the Southern Nevada Water Authority. Created and maintained project schedule, completed cost reporting and analysis. Project consisted of a cast-in-place two-level culinary water pump station that housed 10 pumps, two other CIP concrete vaults, and installation of up to 72" diameter concrete lined steel pipe.

#### **E-470 Segment IV; Denver, CO**

- Served as Structure Superintendent at the \$230 million Design-Build E470 Toll Way Segment IV project in Denver, CO. Supervised the pile driving crew, multiple bridge carpenter crews, and the caisson drilling subcontractor. Developed the projects pile driving program, which included selecting equipment for the driving conditions and developing a testing program to assure quality control.

#### **I-15 Reconstruction; Salt Lake City, UT**

- Served as Structure Superintendent at the \$1.6 billion Design-Build I-15 Reconstruction project in Salt Lake City, UT. Supervised multiple carpenter and laborer crews constructing various bridge elements as well as other concrete structures.
- Served as Project Paving Engineer
  - Developed practices and procedures and Primavera schedule for the first season of PCCP paving
  - Responsibilities included managing hand pour crews, procurement of material for the three onsite concrete batch plants, cost reporting and analysis
- Served as Wall Design Coordinator
  - Performed constructability reviews, assisted with scheduling designers, acted as liaison between field personnel and designers

#### **56/5 Interchange; Del Mar, CA**

- Served as Structure Engineer at this \$28 million freeway interchange project
  - Responsibilities included survey for stone columns, driven pile, bridge footings, columns, falsework and superstructure for seven cast-in-place box girder bridges. Organized all bridge concrete pours. Falsework and form design.

#### **BRIDGE ENGINEER**

- Adams Blvd. /110 Freeway Interchange; Los Angeles, CA
- Century Freeway-Imperial HWY to Crenshaw Blvd; Los Angeles, CA
- 10 Freeway-Northridge Earthquake Emergency Repairs; Los Angeles, CA
- CALTRANS Bridge Maintenance Division
- CALTRANS Bridge Academy