

# Tom Stratford PE

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## EXPERIENCE

My career in the heavy civil industry has spanned 20 years and provided me extensive experience with new bridge construction and bridge rehabilitation work. I Also have experience on large design/build heavy highway construction projects including retaining walls, drainage systems, earthwork and paving operations.

## EMPLOYMENT HISTORY

**Consulting Engineer / Project Manager**  
**American Civil Constructors**

**February 2009 to Present**  
**Littleton, Colorado**

As a Professional Engineer for American Civil Constructors I was responsible for oversight of all safety critical work activities. This work included design of falsework, temporary support structures and shoring, bridge overhang and concrete formwork designs and girder erection plans. In addition I provided project managers, project engineers and superintendents with the materials, equipment and shop drawing, for installation of these structures. Spent time in the field with superintendents and field crews to insure the safety critical work activities were being constructed as designed and that OSHA regulations were being followed. Additional responsibilities included oversight of quality control which included verification that concrete form work was being constructed per plan, verifying concrete mix designs, rebar inspections and compaction testing.

**Project Engineer / Manager**  
**Ames Construction Inc.**

**November 2006 to 2009**  
**Denver, Colorado**

Performed duties as a Structures Project Manager for Ames Construction. Responsibilities included the oversight and construction of the new I-25 bridge over Ridgeway in Lone Tree, Colorado. This project was a cast-in-place post tensioned concrete tub girder bridge. The structure was built in two phases which required detailed coordination between live I-25 traffic and bridge work activities. As a Professional Engineer, my duties included the design of falsework, shoring, crane erection plans and then signed and sealed the designs as required. On prior projects for Ames I provided oversight for BNSF multi span steel and concrete girder railroad bridges in Nebraska and New Mexico. Additional responsibilities included tracking of cost and making monthly projections, producing weekly and monthly Schedules.

**Lead Civil Project Engineer**  
**Western Summit Constructors**

**July 2003 to September 2006**  
**Denver, Colorado**

I was the Lead Civil Project engineer on the \$89 million Littleton/Englewood Waste Water Treatment Plant Phase II modification. Primary duties were to utilize company organization, management, and planning to coordinate all civil engineering activities. Duties included supervision of two Project Engineers, reviewing the project design and preplanning of work activities. Proposed value engineering ideas to the design teams and worked closely with designers and construction managers to implement new ideas.

**Structures Project Engineer**  
**Peter Kiewit and Sons**

**May 1998 to July 2003**  
**Omaha, Nebraska**

Structures Project Engineer on the \$1.3 billion I-25 (TRES) heavy highway design build project in Denver, Colorado. Responsibilities included construction oversight of bridge work, including concrete light rail structures, precast concrete girder highway bridges and a 1,200 foot steel girder fly-over structure. These projects required skills in engineering design, review, analysis and installation of drilled caissons, earthwork shoring, structural falsework, crane set-up and lifting analysis, concrete form design, construction layout, utility relocations and coordination with local municipalities for handling of traffic.

## EDUCATION:

Bachelor of Science in Civil Engineering  
University of Washington - Seattle, Washington - 1994

## PROFESSIONAL AFFILIATIONS:

State of Colorado - Professional Engineer License - 2006  
State of Washington - Professional Engineer License - 2004