

CARRIE A. HANAK, M.S., P.E., PTOE

* * * Curriculum Vitae * * *
– March 2010 –



Educational Background

Graduate of California State University at Chico, Chico, California, 2000, with a **Bachelor of Science Degree in Civil Engineering**.

Graduate of University of Colorado at Denver, Denver, Colorado, 2006, **Master of Science in Civil Engineering**. All course work in transportation, traffic and safety.

Completed formal training in Accident Investigation and Accident Reconstruction, Advanced Diagramming, Crash Animation, Design and Operation of Work Zone Traffic Control.

Professional Affiliations

- ◆ **Registered Professional Engineer**, State of Colorado, Registration No. 39208 (2005)
- ◆ **Professional Traffic Operations Engineer**, Transportation Certification Board, Inc., 2006
- ◆ **Nationally Certified Accident Reconstructionist**, Accreditation Commission for Traffic Accident Reconstruction, Registration No. 1346. (2003)
- ◆ Institute of Transportation Engineers - **Associate Member** (2001).
- ◆ National Association of Professional Accident Reconstruction Specialists - **Associate Member** (2002).

Experience

Forensic Engineer, employed by Thomas L. Alcorn, P.E. & Associates, Littleton, Colorado. Investigation and reconstruction of motor vehicle related accidents to determine factors contributing to accident causation and injury severity; conduct accident related research, perform scientific analyses, develop conclusions, and prepare expert reports.

May 1999-August 1999
May 2000-August 2000
February 2001-April 2001
July 9, 2002 to Present

Traffic Engineer, employed by Post, Buckley, Schuh & Jernigan, Englewood, Colorado. Responsibilities included signal coordination, traffic signal warrants, analysis of signal timing, collection of traffic data, intersection design, travel time studies, parking lot design, sign replacement, design of signs, and investigation and analysis of motor vehicle accidents

May 2001- July 2002

Research Assistant, employed by California State University, Chico, Chico, California. Assisted in researching pedestrian safety for California Department of Transportation and writing new manual dealing with pedestrian safety.

April 2000- December 2001

Engineering Intern, employed by California Department of Transportation, Marysville, California. Daily work included inspections of culverts statewide, data entry and data collection.

May 1998- August 1999

Honors/Activities

Butte College Scholar Athlete, 1995-1997

California State University, Chico Engineering Alumni Scholarship, 2000

Institute of Transportation Engineers, Student Chapter, **Vice President, 1999-2000**

Institute of Transportation Engineers, Student Chapter, **Treasurer, 1998-2000**

Associated Students Civil Engineering, **Member, 1997-2000**