



**JAMES A. BRAGDON, JR., M.S., P.E.**

***MASTER OF SCIENCE IN CIVIL ENGINEERING  
TRAFFIC AND TRANSPORTATION ENGINEER***

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## **CURRENT EMPLOYMENT**

**Ruhl Forensic, Inc.**, Grand Junction, CO, 1999 - Present.

Traffic engineering analysis and consulting, traffic accident analysis and reconstruction.

**Bragdon and Associates, Inc.**, Grand Junction, CO, 1999-Present

Certified instructor for training courses in temporary traffic control in highway construction, maintenance and utility work zones

## **PREVIOUS EMPLOYMENT**

**Bragdon and Associates, Inc.**, Grand Junction, CO, President, 1990-1999

Traffic engineering, consulting, traffic accident analysis and reconstruction  
Instructor for the American Traffic Safety Services Association (ATSSA) for their training courses in temporary traffic control for street and highway construction, maintenance and utility work zones

**American Traffic Safety Services Assn. (ATSSA)**, 1988-1990

Member Services Director  
Instructor for ATSSA training courses in temporary traffic control for street and highway construction, maintenance and utility work zones

**Colorado Department of Highways**, 1985-1988

District Traffic Engineer (District III)

**City of Grand Junction**, Grand Junction, CO, 1979-1985

City Traffic Engineer

**City of Jackson**, Jackson, MS, 1974-1979

City Traffic and Transportation Engineer

**Hensley-Schmidt, Inc.**, Atlanta, GA, 1972-1974

Traffic Engineer

**E. I. duPont deNemours & Co.**, Wilmington, DE, 1966-1969

Civil Engineering Technician

## **EDUCATION**

M.S.C.E., 1974:  
Major Field:

Georgia Institute of Technology, Atlanta, GA  
Traffic and Transportation Engineering

B.C.E., 1972 Major Field	University of Delaware, Newark, DE Civil Engineering - Traffic and Transportation Engineering Option
A.C.E.T., 1966: Major Field:	Southern Technical Institute, Marietta, GA Civil Engineering Technology

### **SPECIALIZED STUDY**

American Traffic Safety Services Association (ATSSA)  
Longitudinal Barriers Selection & Application, 2004  
Guardrail Installation Training, 2004

Northwestern University Traffic Institute, Evanston, IL  
Technical Accident Investigation, 1990  
Vehicle Dynamics, 1990  
Traffic Accident Reconstruction I, 1990  
Traffic Accident Reconstruction II, 1990

### **RELATED ACTIVITIES**

#### **INSTRUCTOR - TEMPORARY TRAFFIC CONTROL TRAINING COURSES**

American Traffic Safety Services Association (ATSSA)  
Worksite Traffic Supervisor Training Course  
Traffic Control in Urban and Utility Work Areas  
Traffic Control Supervisor Training Course  
Traffic Control Technician Training Course  
Flagger Instructor Training Course

National Highway Institute / Federal Highway Administration  
Design and Operation of Work Zone Traffic Control  
Work Zone Traffic Control for Maintenance Operations on Rural Highways

### **HONORS/SOCIETIES**

Recipient of an Institute of Transportation Engineers Graduate Fellowship, 1973  
Member - Tau Bet Pi

### **PUBLICATIONS/PRESENTATIONS**

“Truck Drivers + Fatigue + Work Zones = Crashes”, presented at the Fatigued Truckers Seminar sponsored by the Association of Plaintiff Interstate Trucking Lawyers (APITLA), Las Vegas, NV, October, 2009

“Special Driving Situations – Highway Construction, Utility and Maintenance Work Zones”, published in *Truck Accident Litigation, Second Edition*, American Bar Association, 2006

“Temporary Traffic Control.” Liberty Mutual Construction Team Professional Development Conference, Orlando, FL, March 2-4, 2004

“Aspects of the MUTCD 2000 Millenium Edition and Its Relationship to Accident Reconstruction.” Southwestern Association of Technical Accident Investigators, Las Vegas, NV, March 8, 2003 (This presentation met the criteria for continuing education credits for members.)

“High Accident Location Identification” and “ATSSA Worksite Traffic Supervisor Training and Certification Program.” Seminario Nacional De Seguranca Viaria, National Highway Safety Seminar, Sao Paulo, Brazil, 1994

“A Management Approach to Traffic Control in Work Zones: The Glenwood Canyon Experience.” Institute of Transportation Engineers, 57<sup>th</sup> Annual Meeting, New York, New York, August 16-20, 1987

### **PROFESSIONAL REGISTRATION AND CERTIFICATIONS**

Registered Professional Engineer - State of Colorado (No. 16849)  
Registered Professional Traffic Engineer - State of California (No. TR 1596)  
Certified Traffic Control Supervisor – ATSSA  
Certified Training Course Instructor – ATSSA and the National Highway Institute, Federal Highway Administration

### **PROFESSIONAL AFFILIATIONS**

Member, Institute of Transportation Engineers (ITE)  
Member, American Traffic Safety Services Association (ATSSA)  
National Safety Council (firm membership)

### **TECHNICAL COMMITTEE MEMBERSHIPS**

National Committee on Uniform Traffic Control Devices (NCUTCD)  
Temporary Traffic Control Technical Committee  
Institute of Transportation Engineers  
Expert Witness Council