

## DOUGLAS R. BARLET, M.S., P.E.

### WORK ADDRESS:

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### WORK EXPERIENCE:

- November 1998-Present **McKinzie & Associates**, Olathe, KS. Collision Reconstructionist/Engineer. Work includes investigation of traffic collisions, forensic mapping of collision scenes and roadways, vehicle autopsies, interviews and the instruction of Advanced Scene Investigation using Forensic Mapping and CAD.
- March 1994-November 2003 **State of Kansas - Kansas Highway Patrol**, Pleasanton, KS. Sergeant. Member of Patrol's Critical Highway Accident Response Team as an ACTAR certified collision reconstructionist. Level 1 Commercial Vehicle Safety Alliance (CVSA) certified with Hazardous Material and Cargo Tank certifications. Lead Instructor for Patrols Basic and Advanced Collision Investigation Courses and Forensic Mapping Course. Work as a full time law enforcement officer enforcing statutes, collision investigation, traffic enforcement, DUI enforcement, seat belt and child restraint education and enforcement, forensic mapping of collision and crime scenes, collision reconstruction. (80 hours each two weeks).
- July 1986-Present **Linn County Rural Fire Department - Station 920**, Pleasanton, KS. Asst. Chief. Part-time work responding to various types of emergency situations including fire suppression, vehicle extrication, hazardous material incidents, water and miscellaneous rescue operations, storm spotting and other duties as assigned. Firefighter I certified through the University of Kansas. Work on an as-needed (on-call) basis as a paid-per-call volunteer.
- March 2000 – Dec 2001 **TEEX, Texas A&M University**, College Station, TX. Adjunct Instructor. Assisted in the instruction of Advanced Scene Investigation using Forensic Mapping and CAD.
- July 1988-March 1994 **State of Kansas - Kansas Department of Health and Environment - Surface Mining Section**, Pittsburg, KS. AML Program Manager - Environmental Engineer. Worked in the Abandoned Mined Land (AML) Program planning and coordinating program activities and supervising 6 to 8 program personnel. Work included designing reclamation plans, reviewing engineering plans and change orders submitted by consulting firms, joint investigations of subsidence emergencies with OSMRE, computer assisted drafting and design, and surveying (40 hours per week).

November 1991-Jan 1993      **City of Pleasanton - Pleasanton Police Department**, Pleasanton, KS. Police Officer. Worked as a part-time Police Officer performing routine patrol operations. Duties include traffic patrol and radar operation, night patrol, building security checks, accident and crime scene investigations, responding to crimes in progress and assisting other law enforcement agencies as needed. On duty two to three weekends per month (50-80 hours per month).

May 1985-May 1986      **U. S. Bureau of Mines**, Minneapolis MN. Mining Engineer. Worked at UMR Experimental Mine in Rolla, MO supervising blasting research. The work included handling, use and detonation of explosives and employee supervision (5-40 hours per week).

Fall 1984-May 1986      **University of Missouri-Rolla, School of Mines and Metallurgy**, Rolla, MO. Graduate Teaching Assistant. Instruction of surface and underground mine surveying and drilling and blasting laboratories. (20-30 hours per week).

**ACADEMIC ACHIEVEMENTS:**      Thesis: A Determination of Optimum Delay Between Boreholes in Single-Row Bench Blasting.

**EDUCATION:**      M.S. Mining Engineering, (May, 1986), University of Missouri-Rolla, School of Mines and Metallurgy. **GPA: 4.0**; B.S. Mining Engineering, December, 1983, University of Missouri-Rolla, School of Mines and Metallurgy. **GPA: Overall-3.46 of 4.0; Major-3.68 of 4.0.**

**CERTIFICATES & TRAINING:**      Kansas Professional Engineer, License No. 12051; Accredited Reconstructionist – ACTAR # 1139; Kansas Law Enforcement Training Commission Certified Full-Time Law Enforcement Officer (1800+ hours training); Kansas Firefighter I certified; numerous training courses in firefighting and hazardous materials response (250+ hours); Accident investigation/reconstruction (490+ hours); Instructor forensic mapping (400+ hours); Instructor of accident investigation (560+hours); general engineering (numerous hours).

**PERSONAL DATA:**      Date of Birth: January 17, 1960; Height: 5'10"; Weight: 185 lbs.; Marital Status: Married; Two Children.

**ACTIVITIES & HONORS:**      Past Council Member - Pleasanton, Kansas City Council; Assistant Chief-Linn County Rural Fire Department (1986 to present); Member Midwest Association of Technical Accident Investigators (1998), Society of Mining Engineers of AIME (Secretary, Vice President and President-Rolla Student Chapter); The Tau Beta Pi Association - National Engineering Honor Society (Outstanding Pledge-Fall 1982); Captain UMR Mine Rescue Team; Trainer UMR Mine Rescue Team; Valedictorian of Pleasanton High School-1978, Pleasanton KS; UMR Dean's List (Fall 1981, Spring 1982, and Spring 1983); Recipient of UMR Mining Department Scholarship: (Fall 1981, Spring & Fall 1982, and Spring & Fall 1983); Recipient of Henry DeWitt Smith Scholarship 1985-86.

**COLLISION INVESTIGATION HISTORY:**      I have investigated over 215 motor vehicle collisions to date:  
87 Non-Injury  
48 Injury  
80 Fatality  
75 Reconstructions  
140 Technical Support