



**GLENN R. HOWARD, PLS - Vice President**

Mr. Howard is a registered Professional Land Surveyor in three states (Montana, North Dakota and South Dakota) with 39 years of experience. As the Survey Department Manager, Glenn provides project management, coordination, and QA/QC for all of DJ&A's survey/mapping projects. Glenn works closely with our clients to meet project schedule, while adhering to a budget. Glenn has experience managing multiple survey projects in multiple Western states, from Alaska to New Mexico. One of Glenn's strongest attributes is his keen understanding of how to approach project obstacles and solve logistical problems while keeping an open line of honest communication with the client.

**EDUCATION**

Miltonvale Wesleyan College (1971)  
Miltonvale, KS

University of Montana College of  
Technology (1973)

**TRAINING**

Hazardous Waste Operations Site  
Safety Training (HAZWOPER) 40 hour  
OSHA certified course plus annual  
8 hour refresher courses since 1989

GPS - Project Planning Course,  
Sunnyvale, CA (1992)

Trimble GPS Surveying Real Time  
Kinematic (RTK) Training (1998)

**REGISTRATIONS**

Professional Land Surveyor  
MT - 8376 LS  
ND - LS 47187  
SD - 6642

**AFFILIATIONS**

Past President for Montana Association  
of Registered Land Surveyors (MARLS)

National Society of Professional Land  
Surveyors (NSPS)

**EXPERIENCE**

2001 - Present: DJ&A, P.C.  
Vice President, Surveying  
(Missoula, MT)

1973 to 2001: DJ&A, P.C.  
(Missoula, MT)

**RELEVANT EXPERIENCE**

**US BUREAU OF RECLAMATION**

- Canyon Ferry, MT (boundary, cadastral, hydrographic surveys)
- Minidoka Dam, ID (bathymetric, topographic and site surveys)
- Platte River, NE (control and hydrographic surveys)
- Lake Arrowwood, ND (control and wetland mapping surveys)
- Yellowtail Dam, MT (control and mapping surveys)
- Missouri River, MT (control and hydrographic river cross-section surveys)
- Deformation monitoring surveys (multiple dam sites throughout MT)
- Facility site surveys (MT, ID, CO, ND, SD, & WY)

**MONTANA DEPARTMENT OF TRANSPORTATION (MDT)**

- MT Highway No. 49 - Looking Glass Hill
- Russell Street Corridor – Missoula
- U.S. Highway 93 - Missoula to Polson
- MRL Railroad R/W Certificate of Survey – Polson

**RUSSELL STREET CORRIDOR** Responsible for coordination and supervision of survey crews and office support staff in the establishment of a GPS horizontal and vertical control traverse, property pins and right-of-way ties, utility ties, strip mapping and cadastral corner ties (in State Plane Coordinates). Survey data was collected and processed to meet current MDT standards. Existing highway or roadway right-of-ways being computed and the development and filing of a certificate of survey over approximately five miles of roadway.

**U.S. HIGHWAY 93 – MISSOULA TO POLSON** Responsible for coordination and supervision of multiple GPS survey crews establishing and tying more than a 200 point control traverse (between Missoula and Polson, MT) to the Montana State Plane (NAD 83) coordinate system. Responsible for all data reduction and survey network adjustments associated with the project.

**FEDERAL HIGHWAY ADMINISTRATION (FHWA)**

- North Umpqua Highway, OR (control & topographic mapping)
- Middle Fork Snoqualmie River Rd., WA (topo & hydraulic mapping survey)
- West Fork Bitterroot Rd., MT (control & construction surveys)
- Oroville/Quincy Highway, CA (centerline & cross section surveys)