

# *Resume*

## **Loren A. Woodin, EIT**

### **Engineer In Training**

#### **Introduction**

Mr. Woodin is an EIT for JLM Engineering, Inc. He graduated from the University of Wyoming in August of 2001. He has 7 years of experience in construction surveying and MicroStation design work. In addition he has over 5 years of experience in the reclamation industry and 3 years in highway construction.

#### **Representative Experience**

**Field Engineer: City of Buffalo, South Lucas Street Reconstruction.** Mr. Woodin was responsible for construction staking of the water and sewer line expansions as well as the curb and gutter staking and street grade staking. Project inspection and contract administration were also among duties performed by Mr. Woodin on this project.

**Design/Project Engineer: Spirit Ridge Subdivision, Sheridan County, Wyoming.** Mr. Woodin was responsible for the Water Distribution Plan, irrigation system design, road design, and preparation of all plans and specifications. The water distribution plan consisted of water rights distribution within the subdivision and necessary petitions through the Wyoming State Engineer's Office. Mr. Woodin was also responsible for construction staking and inspection of the irrigation system.

**Project Engineer: Hall/Goddard/Barker Water Rights, Johnson County, Wyoming.** Mr. Woodin was responsible for coordinating and producing the necessary petitions and plats to the State Board of Control for the Change in Point of Diversion and Means of Conveyance for the territorial water rights associated with these three ranches. These various water rights were consolidated from multiple ditches into two common points of diversion for distribution to the three ranches.

**Design/Project Engineer: Johnson County School District No. 1/Buffalo High School Parking Lots and Access Road.** Mr. Woodin was responsible for design and layout of three parking lots and an access road adjacent to the Buffalo High School. This project included grading, drainage control, parking layout, construction staking and contract administration.

**Project Engineer: Water Rights, Johnson County Wyoming.** Mr. Woodin has been responsible for performing water rights research, writing petitions to the State Engineer and State Board of Control, permitting surface water applications, and ground water applications on a number of projects throughout Johnson County. Duties include water and water rights distribution plans, point of diversion and means of conveyance petitions, surface water rights applications and plats, and reservoir design and permitting.

#### **Representative Experience**

**Design/Project Engineer: Shiloh Addition, Buffalo, Wyoming.** Mr. Woodin was responsible for the water and sewer design. He was also responsible for setting control, field survey and construction staking.

**Design/Project Engineer: Western Ave. Storm Sewer, Buffalo, Wyoming.** Mr. Woodin was responsible for design of storm sewer project along Western Ave. in the City of Buffalo. Project included storm sewer pipe, curb inlets, and curb and gutter replacement. Mr. Woodin was also responsible for producing Plans, specifications, and bidding documents for this project.

**Field Engineer: Spotted Horse, Gillette, Horse Creek Section, Campbell County, Wyoming.** Mr. Woodin was responsible for construction surveying and blue topping for this project. He was also responsible for setting additional control and running level loop for project.

**Field Engineer: Sheridan–Ucross, Murphy Gulch Section, Sheridan County, Wyoming.** Mr. Woodin was responsible for the construction surveying and blue topping for this project. He was also responsible for setting additional control and running level loop for project.

**Design/Field Engineer: Tipperary Road Dust Suppression, Johnson County, Wyoming.** Mr. Woodin was responsible for all aspects of design for this project. He also was responsible for the cost estimate, estimating quantities and contract administration.

**Field Engineer: Natrona County International Airport, Natrona County, Wyoming.** Mr. Woodin was responsible for construction staking, running level loop, setting additional control and minor field design changes.

**Field Engineer: JLM Engineering, WYDOT Gillette-Montana Line, Campbell County, Wyoming.** Mr. Woodin is responsible for construction surveying and blue topping for this project.

**Field Engineer: JLM Engineering, City of Buffalo Water Tank and Pipeline, City of Buffalo, Wyoming.** Mr. Woodin was responsible for field surveying of the proposed waterline alignment. His duties also included original ground surveys of the waterline alignment and proposed water tank site.

**Design/Project Engineer: JLM Engineering, Western Avenue Storm Sewer, City of Buffalo, Wyoming.** Design storm sewer system. Including plans, specifications, and construction administration.

**Engineer: JLM Engineering, KOA Campground, Buffalo, Wyoming.** Responsible for design and drafting of water and sewer system to conform to Wyoming DEQ standards. Complete DEQ permits.

**Field Engineer: JLM Engineering, WYDOT Casper/Kaycee, Natrona County.** Mr. Woodin was responsible for construction surveying and blue topping for this project. He was also responsible for setting additional control and running level loop for project control.

**Representative Experience**

**Field Engineer: JLM Engineering, WYDOT ADA Fort St., Johnson County, Wyoming.** Mr. Woodin was responsible for field surveying of the site. He was also responsible for the land ownership research for the site and drafting of plans.

**Field Engineer: JLM Engineering, WYDOT Jim Creek Hill. Sheridan County, Wyoming.** Mr. Woodin was responsible for construction surveying and blue topping for this project.

**Field Engineer: JLM Engineering, WYDOT I-90/Prairie Dog Road. Sheridan County, Wyoming.** Mr. Woodin was responsible for construction surveying and blue topping for this project.

**Field Engineer: JLM Engineering, Northwest Energy CBM Pits. Johnson County, Wyoming.** Mr. Woodin was responsible for the original ground surveys on sites chosen for coal bed methane reservoirs. He also was responsible for surveying as-built facilities such as well sites, utility lines, water lines, and gas lines.

**Field Engineer: JLM Engineering, Coal Bed Methane, Powder River Basin, Wyoming.** Mr. Woodin was responsible for drafting water management plans, permitting CBM facilities (including DEQ, WOGCC, and SEO permits for pits, wells, etc.), monitoring of water management plans, completing bi-annual NPDES Discharge Monitoring Reports, staking well locations, and CAD mapping associated with various permitting requirements.

**References:**

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