

Resume

Jack L. Morey, Jr., PE Principal Engineer

Introduction

Mr. Morey is the principal engineer and founder of JLM Engineering, Inc. He has over 6 years experience in this position. During his time as president of JLM Engineering, Inc., Mr. Morey was responsible for administering company policies, job bidding, as well as design and contract administration on several county roads and municipal projects. He has also designed several individual wastewater disposal systems. In addition, Mr. Morey has 16 years of experience in design and contract administration for interstates, rural highways and county roads while employed by the Wyoming Department of Transportation.

Representative Experience

Design/Project Engineer: Shiloh Addition, Buffalo, Wyoming. Mr. Morey was responsible for all aspects of the design including water, sewer and storm sewer systems, road construction and lot locations. He also coordinated the field survey, cost estimates, specifications and construction administration.

Design/Project Engineer: Upper Powder River Road, Johnson County, Wyoming. Mr. Morey was responsible for all aspects of design for this project. This project involved removal and placement of unclassified excavation, placement of crushed base, pipe extensions, cattle guards and other miscellaneous work.

Design/Project Engineer: Lewis Street, Sheridan Streets, City of Sheridan. This project involves reconstruction of Lewis Street and the Bridge over Big Goose Creek. Mr. Morey was responsible for all aspects of design, which included geometrics, hydrology study, estimating quantities, plans and specifications.

Project Engineer: Veteran's Home of Wyoming, Buffalo, Wyoming, Parking Area/Street Reconstruction. Mr. Morey coordinated the field surveying for this project. He also prepared the design for the reconstruction area.

Project Engineer: City of Buffalo Water Tank and Pipeline, City of Buffalo, Wyoming. Mr. Morey coordinated the field surveying for this project. He also negotiated with landowners for easements.

Project Manager: Western Avenue Storm Sewer, City of Buffalo, Wyoming. Mr. Morey was responsible for the design of the storm sewer system, including plans, specifications, and construction administration.

Design/Project Engineer: KOA Campground, Buffalo, Wyoming. Mr. Morey was responsible for design and drafting of water and sewer system to conform to Wyoming DEQ standards and completing the necessary WDEQ permits.

Representative Experience

Design/Project Engineer: Avoca Realignment, City of Sheridan, Wyoming. This project involves total reconstruction and realignment of Avoca Street in the City of Sheridan, Wyoming. Mr. Morey was responsible for all aspects of design, which included geometrics, hydrology study, culvert design, estimating quantities, and cost estimates. He was also responsible for design and geometrics of the replacement of sanitary sewer and water lines. Est. project cost - \$1.5m.

Design/Project Engineer: Coal Bed Methane, Powder River Basin, Wyoming. Mr. Morey worked closely with CBM clients and WDEQ, WOGCC, and WSEO representatives on management plans and procedures. He has also designed numerous CBM water discharge containment reservoirs, which range in size from 2 to 20 acre-feet. Also included was the preliminary surveying, construction staking, and construction administration.

Design/Project Engineer: Buffalo Street Intersection, City of Buffalo, Wyoming. The project involved replacing the surfacing of 3 intersections with portland cement concrete pavement. Mr. Morey was the design engineer and responsible for all aspects of the design as well as the contract administration. Est. project cost - \$100,000.

Design/Project Engineer: Mydland Road (Sheridan County Rd. #80), Sheridan County, Wyoming. The project involved complete reconstruction of 1 mile of county road. Mr. Morey was the design engineer and was responsible for all aspects of design, which included geometrics, hydrology study, culvert design, estimating quantities, and cost estimates. He also assisted the county engineer in the bidding process. Once the contract was awarded Mr. Morey was responsible for administration of the contract. Est. project cost - \$1.5m

Design/Project Engineer: Trench 8, Areas 1-3, City of Sheridan Landfill, Sheridan County, Wyoming. This project included site preparation within the solid waste facility. Site grading, impermeable membrane, gravel drain, access road construction, and culvert installation were all part of this project. Mr. Morey was the design engineer for Areas 1-3 and assisted in the bidding process and administered the contract of Area 1. Est. project cost - \$700k.

Project Engineer: Tongue River Estates Street Reconstruction, Town of Ranchester, Sheridan County, Wyoming. Mr. Morey was responsible for administering the contract, which included: surfacing removal, sub base preparation, crushed base, paving, sanitary sewer line replacement, and curb and gutter replacement. Est. project cost - \$350k.

Representative Experience

Project Engineer: 4th Avenue West, Town of Ranchester, Sheridan County, Wyoming. Mr. Morey administered the contract for this project. The project included curb and gutter installation, sanitary sewer and water line installation, crushed base, and paving. Est. project cost - \$800k.

Project Engineer: Buffalo-Gillette I-90, Lowery Section, Campbell County, Wyoming. The project involved widening and overlay as well as edge drain and toe berms for potential slides of 7 miles of 4 lane interstate highway. Responsibilities included coordinating field personnel, overseeing inspection and testing, as well as preparation of monthly estimates and change orders. Est. project cost - \$4m.

Project Engineer: Various Project Recommendations and Engineer's Estimates, Johnson County, Wyoming. The projects included but were not limited to three sections of overlay and chip seals on US 16 West, total reconstructions on US 14 East Jim Creek Hill Section and Big Horn Road. Mr. Morey's responsibilities included a field review of the project, calculating the estimated costs, and recommending certain activities that the project should include. He was also responsible for submitting a summary report to the District Construction Engineer.

Project Engineer: Buffalo-Gillette I-90, Buffalo East Section, Johnson County, Wyoming. The project was a complete reconstruction of 5 miles of 4 lane interstate which included 1.1 m CY earthwork, overlay, and edge drain. Scheduling field personnel, overseeing testing and inspection as well as project documentation and preparation of monthly estimates were some of his responsibilities. Est. project cost - \$6m.

Senior Engineer: Sheridan-Buffalo I-90, Sheridan South Slide, Sheridan County, Wyoming. Field engineer for the project which included 1.0 m CY earthwork, slide stabilization with geogrid and overlay of 5 miles of interstate highway. His responsibilities included but were not limited to scheduling of personnel, project documentation, and preparation of monthly estimates. Est. project cost - \$5m.

Field Engineer: Mayoworth Bridge, WYO Highway 191, Johnson County, Wyoming. The project included the construction of a 3 span, steel girder/concrete deck bridge and horizontal realignment of ½ mile of road section. Within the contract administration, Mr. Morey's responsibilities included scheduling and overseeing testers, inspectors and survey crew, as well as project documentation and preparation of monthly estimates. Est. project cost - \$0.5m.

Education

B.S., Civil Engineering, University of Wyoming.
Laramie, Wyoming 1992.

Registration

Professional Engineer (Civil), Wyoming (8298)

Professional Affiliation

Wyoming Engineering Society
American Consulting Engineers Council of Wyoming
Wyoming Contractors Association