Registration
Professional Engineer – WY, ND, MT

Education
MS Civil Engineering – University of Wyoming
BS Civil Engineering – University of Wyoming
BS Secondary Education – Valley City State University

Continuing Education
Managing the NEPA Process
PSMJ: Project Management Workshop
Context Sensitive Solutions
MSHA and OSHA Training
Advanced Geopak
Dale Carnegie High Impact Presentations
Introduction to ArcGIS I
Eagle Point
Floodplain Basic Course
Aitken Leadership Training Course
Gillette Area Leadership Institute 2009

Professional Memberships
ASCE – American Society of Civil Engineers
Wyoming Engineers Society
Wyoming Society of Professional Engineers – Chapter President

Project Role
Stockholder Liaison

Project Responsibility
Information Management

Summary
Liz has a diverse background in managing planning, design, and construction of municipal and transportation projects. One of her greatest strengths is her ability to collaborate throughout each endeavor and build teaming relationships. As a project manager and designer, she coordinates with KL&J's project team, clients, and other stakeholders, as well as ensures the project meets schedule and budget requirements throughout design and construction.

Project Manager
Douglas-Gillette (Tisdale Creek Section), WYDOT – Campbell County, WY

This project involved developing the Reconnaissance Report in coordination with local and state WYDOT personnel. Project location is in Campbell County on State Highway 59, beginning 1.3 miles south of Tisdale Creek and extending north along the existing alignment 5.3 miles, ending approximately 0.1 mile south of the southern urban limit of Gillette. The purpose and need of this project was due to the increased traffic flow, projected future growth, the need for increased roadway capacity, and safety improvements for turning movements.

Project Manager
Gillette-Montana Stateline (Horse Creek Section), WYDOT – Campbell County, WY

This project is a 3R Reconstruction project involving roadway shoulder widening, surfacing, and safety improvements up to current design standards. KL&J is presently completing the field survey needed to support the development of the surface model. The project is located on Highway 59, beginning 26.8 miles north of Gillette and extending along the existing alignment for about 6.63 miles.

Design Engineer
Shoshone Avenue, Butler Spaeth Road, and Lakeway Road Extensions – Gillette, WY

Design engineer for this project that involved nearly three miles of new urban roadways, pedestrian facilities, municipal utilities, and structures. The project provides a new north-south arterial street, which relieves pressure on Highway 59 through Gillette. The new alignment crosses Donkey Creek, which required close coordination with the Army Corps of Engineers and other local, state, and federal agencies for permitting.

Project Manager/Client Manager
Coal Bed Methane Permitting, Anadarko Petroleum – Campbell, Johnson, and Sheridan Counties, WY

These projects involved site planning for the development of Coal Bed Methane wells. Well sites are identified, staked by a licensed surveyor, and designed for drilling activities. Access to each location is identified, designed, and staked for construction. Once the site planning is complete, KL&J coordinates with BLM through the NEPA process to obtain the permits to drill at these locations. Liz has led the site planning, permitting, and construction of over 700 well locations in the Powder River Basin for Andarko Petroleum.

Design Engineer

Truck Route Corridor Study, 5th Avenue NE – Valley City, ND

This corridor study evaluated existing conditions and identified system deficiencies along the 4th to 5th Avenue NE truck route. The scope of work included identifying existing alignment deficiencies, development of alignment alternatives; a traffic operations study, Class I cultural resource survey, geotechnical exploration and analysis, agency coordination, and a public involvement process. The corridor study resulted in the re-designation of 5th Avenue NE as the truck route from Main Street to 12th Street NE. The Corridor Study Report was used as the basis for the development of the Project Concept Report.

Design Engineer

US Highway 281 – Near Minnewaukan, ND

Project involved project concept report, environmental assessment, and public involvement for approximately 41 miles of US Highway 281 near Minnewaukan.

Design Engineer

US Highway 281 – Minnewaukan, ND

Project involved the relocation of approximately 19 miles of US Highway 281. Design included eight box culverts, two bridges, 22 miles of roadway, intersections with both North Dakota and US Highways, and right-of-way acquisition.

Design Engineer

US Highway 281 from Edgeley to ND 46 – Edgeley, ND

Design engineer for this project which involved preliminary engineering including project concept report, environmental documentation, and public involvement. Project also included design engineering for approximately 19 miles of roadway widening, four new reinforced concrete box culverts, one reinforced box culvert extension, mine and blend, and hot bituminous pavement. Project cost was $8.8 million.

Design Engineer

BIA Routes 6 and 16, Spirit Lake Nation – Near St. Michael, ND

Project involved emergency grade raise, riprap, aggregate base, hot bituminous patching, and right-of-way work for approximately 1.5 miles on two BIA routes near St. Michael.

Design Engineer

BIA Routes 20 and 21, Spirit Lake Nation – Near Devils Lake, ND

Project included spot grading for geometric roadway improvements, roadway widening, design, right-of-way work, and construction of approximately 10 miles of BIA roadway.

Design Engineer

County Road 15 Improvements – Walsh County, ND

Project involved roadway widening, safety improvements, hot bituminous overlay, and incidentals.