

The ultimate goal of every bridge is to connect. People. Places. Communities. Each bridge project brings with it a unique combination of challenges and opportunities. At Nelson Engineering, we realize that for any bridge project to be successful, we need to ask the right questions, understand every aspect of a project to know what is needed, accurately define the scope, and provide the services we promise. We strive to find innovative solutions that combine the knowledge we've gained from past experience with the newest developments in technology.

Nelson Engineering has successfully completed a broad range of bridge engineering projects for Local, State, and private clients for over 45 years. Whether it is a bridge for a highway, pathway, private driveway, or a small canal crossing, we offer complete bridge design services—from the topographic mapping and geotechnical investigation through the hydraulic studies and structural design. When the design is completed, we'll provide on-going support with construction, bridge maintenance, reliable inspections, and condition assessments.

### Bridge Engineering Services

- Bridge Design
- Bridge Inspection and Condition Assessment
- Structural Analysis and Load Rating
- Bridge Repairs and Rehabilitation Design
- Hydrologic and Hydraulic Analysis
- Geotechnical Engineering
- Scour Analysis
- Construction Administration
- Roadway and Street Design
- Transportation Planning
- Land Surveying
  - Topographic Mapping
  - Route Surveying
  - Construction Stakeout



**FLAT CREEK FISHING CLUB BRIDGE**  
Teton County, Wyoming



**INDUSTRIAL DRIVE CONNECTOR KILLPECKER CREEK BRIDGE**  
City of Rock Springs, Wyoming



**RUSS GARAMAN PATHWAY BRIDGE**  
Teton County, Wyoming

Our experience includes timber bridges, composite steel girder structures, prestressed and reinforced concrete, historic structure rehabilitation, culverts, and emergency inspection and repair services. Whether it is a new bridge design or an inspection and structural evaluation, with every bridge service we offer we apply our technical knowledge and experience, giving our clients a complete understanding of the scope of work necessary to ensure a safe and lasting structure.