

## Elk Creek Crossing Bridge Replacement | Richland County, ND

### Structural Plate Bridge Solution

#### Owner

Richland County, North Dakota

#### Contractor

Richland County Highway Department

#### Consulting Engineer

Interstate Engineering

#### Application

Bridge Replacement

#### Why this product versus others?

- Clear span opening
- Low maintenance

#### Project challenges

Marginal bearing capacity due to silty sand conditions

#### Special project elements

Corrugated steel structure was positioned above the normal flow of the creek on concrete footings



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