

## I-94 Near Medora Pipe Rehabilitation | Medora, ND

### Lining Existing Structural Plate Pipe CSP Aluminized Steel Type II Spiral Rib Corrugation

#### Owner

North Dakota DOT

#### Contractor

Industrial Builders, Inc.

#### Consulting Engineer

North Dakota DOT

#### Application

Lining of existing structural plate pipe originally installed in 1960's. Relining with Aluminized Steel type II corrugated pipe extended the service life of the crossing an additional 75 years.

#### Why corrugated steel pipe from TrueNorth Steel?

Corrugated steel pipe allowed for a cost effective design life extension of this culvert.

#### Project challenges

Liner pipe was inserted into the host pipe on preinstalled skids and grouted into the place with low pressure grout injected through ports.

#### Special/unique elements of the project

North Dakota DOT provided a bentonite formulated grout mixture to fill the annular space.



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