

North Dakota State Highway 127 Culvert Rehabilitation | Fairmount, ND

CSP Aluminized Steel Type II Spiral Rib Pipe

Owner

North Dakota DOT

Contractor

Olander Construction

Consulting Engineer

North Dakota DOT

Application

Concrete pipe rehabilitation

Why corrugated steel pipe from TrueNorth Steel?

Existing concrete pipe joints were misaligned and leaking both soil and water. Spiral rib CSP was chosen because of its Manning's "n" = .012. This allows for maximizing hydraulic capacity.

Special project elements

The liner pipe was installed and the annulus was grouted through internal ports. The installation process minimized the time required to rehabilitate this existing pipe.

Any other TNS products used

Grout plugs and positioning rods



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