

U.S. State Highway #10 Culvert Rehabilitation | Audubon, MN

CSP Aluminized Steel Type II Spiral Rib Pipe 10 Ga., 60" Dia.

Owner

Minnesota DOT

Contractor

Riley Brothers

Consulting Engineer

Minnesota DOT

Application

Rehabilitation of existing concrete box culvert with smooth interior CSP

Why corrugated steel pipe from TrueNorth Steel?

Hydraulic capacity, smooth interior spiral rib CSP with Mannings "n"
= .012

Project challenges

Inserting the new liner into the CSP/RCBS and back grouting process

Special project elements

It was a project requirement that the road remain open during project and to keep water flowing through the crossing to meet MNDOT environmental requirements.

Other TNS products used

Positioning pins, grout plugs and gasketed joints



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