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