

Trail County Bridge Replacement

| Trail County, ND

Structural Plate Corrugated Galvanized Steel Box Culvert

Owner

Trail County Highway Department

Contractor

Trail County Highway Department

Consulting Engineer

Trail County Highway Department

Application

Emergency bridge replacement

Why corrugated steel structures from TrueNorth Steel?

Structural plate box culverts provide a cost effective low rise, low cover alternative to conventional bridges. Maintenance costs are much lower than conventional bridges.

Project challenges

The existing timber box culvert crossing had been damaged in a fire caused by drainage ditch burning and required immediate replacement.

Special/unique elements of the project

TrueNorth Steel worked with consulting engineers to verify hydraulic and geotechnical site conditions to properly size culvert and structure foundations.

Any other TNS products used

Sheet piling for box culvert headwalls



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