

Stormwater Conveyance | Watford City, ND

Storm Drain Conveyance 60" Dia. Aluminized Steel Type II Spiral Rib Pipe

Owner

City of Watford City, ND

Contractor

Northern Improvement Company

Consulting Engineer

Kadrmass Lee Jackson

Application

Stormwater conveyance for city storm drain

Why this product versus others?

Spiral rib aluminized Steel Type II corrugated steel pipe's low installed cost versus RCP resulted in significant savings for the city.

Project challenges

The contractor was required to perform Mandrel testing of the pipe after within 30 days of installation and deflection was well within tolerances.

Special project elements

This was one of the first North Dakota projects to consider the FDWA Pipe Selection Final Rule. There were five alternative pipe materials in the bidding process and Aluminized Steel Type II, spiral rib pipe (SRP) corrugated steel pipe was selected.

