

## Minnesota DOT Road TH 210 | Duluth, MN

### 144" X 180' Dia. 10 Ga. Aluminized Steel Type II, 5" X 1" Corrugation Steel Pipe

#### Owner

Minnesota Department of Transportation (MnDOT)

#### Contractor

Reuben Johnson and Son  
Superior, Wisconsin

#### Consulting Engineer

MnDOT

#### Application

Replaced a concrete pipe structure that had been washed out due to excessive rainfall

#### Why corrugated steel pipe from TrueNorth Steel?

- Simplified and rapid installation

#### Project challenges

- Difficult construction site
- Need for rapid installation

#### Special project elements

Access to a Minnesota Power facility had been cut off due to the washed out road. The corrugated steel pipe needed to be fabricated and shipped to the site quickly. The installation target date was met successfully.



**TrueNorth Steel®**

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## RJS CONSTRUCTION GROUP, LLC

*A Subsidiary of Reuben Johnson & Son, Inc*

Rod,

Let me know if you need anything else. We look forward with working with you guys again.

"RJS Construction has installed many large CMP culverts over the years, and this project was one of the more unique challenges we had encountered given the site conditions and schedule. By using CMP pipe on this project it allowed for the road to be opened quickly in order to restore access to MN power. Our crews enjoyed the flexibility on how to maneuver the pipe on a site that did not allow any area to store material. The relatively light weight of CMP pipe compared to concrete prevented us from having to bring in a large crane in order to set the pipe. That alone had saved MNDOT considerable amount of time and money. RJS Construction would like to thank True North Steel, MNDOT, and everybody involved who worked hard to make this challenging project come together." (Steve Picha-Project Manager)

Have Merry Christmas,

Steve Picha

Project Manager

RJS Construction



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