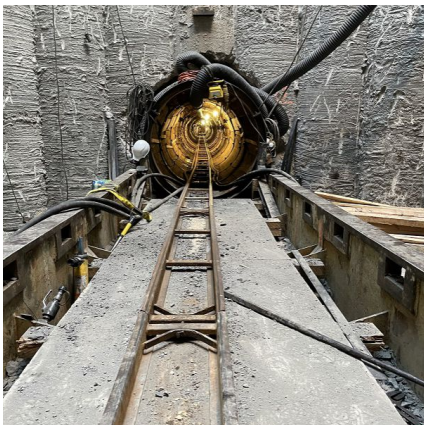


## Thornton Water Project Johnstown, CO



### PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction installed two 68" OD rib-and-board tunnels as part of the Thornton Water Project. The two tunnels (250' and 235') were installed underneath rivers, the Cache La Poudre River in Windsor, CO, and the Little Thompson River in Johnstown, CO. The tunnels were installed behind an Akkerman 540 TBM out of secant pile shafts. Ground conditions consisted of claystone and sandstone.



### PROJECT INFORMATION - 612

**OWNER:**

Scott Contracting Inc. (GC)  
Kamran Abolhasani  
720-490-7401  
kabolhasani@ihcscott.com

**ENGINEER:**

Burns and McDonnell

**CONTRACTOR:**

Scott Contracting Inc.

**COMPLETION DATE:**

4/13/2021

**GEOLOGY:**

Claystone, Sandstone

**EXCAVATION METHOD:**

Akkerman 540 TBM

**MINING DIMENSIONS:**

68" Rib and Board

**FINAL LINING:**

42" Welded Steel Pipe

**FOR MORE INFORMATION:**

Jordan Bradshaw  
410-970-8300  
jordan.bradshaw@bradshawcc.com  
Refer to Project 612