

TRANS MOUNTAIN EXPANSION PROJECT

Surerus Murphy Joint Venture was responsible for constructing Spread 5A of the Trans Mountain Expansion Project (TMEP). This project consisted of 184 km of 36-inch pipe from Black Pines, B.C. through the communities of Kamloops and Merritt to Britton Creek. Spread 5A was the largest spread on the B.C. side of the project, passing through four pump stations and required significant Indigenous and community engagement as well as archaeological considerations. This project began in July 2020 and completed in late 2023.

PROJECT OVERVIEW:

- **Client:** Trans Mountain
- **Location:** near Kamloops, B.C.
- **Pipeline length:** 184 km
- **Pipe diameter:** 36"
- **Total workers at peak:** ~1250
- **Regulator:** Canada Energy Regulator and other provincial/federal agencies

CONSTRUCTION FEATURES:

- **Minor trenchless crossings:** 42 over 2.4 km
- **Major trenchless crossings (HDD, DPI, MT):** 9 over 4.9 km
- **Major highway crossings:** 4
- **Crossings & type:** 99 pipeline, 197 road, 29 communication, 176 water, 13 power, 3 railway crossings
- **Fish bearing rivers:** approx. 22
- **Number of welds:** ~9000
- **Number of valves:** 22
- **Steep slopes:** 15 (21° or greater)

COMMUNITY BENEFITS & IMPROVEMENTS:

- Numerous local engagement opportunities, even before breaking ground
- Maximizing local and Indigenous hires with a goal of 15%
- Workers live locally in area communities, including the cities of Kamloops and Merritt, investing dollars into local businesses with population increase due to the project
- Active and ongoing engagement with local organizations to provide support

ON-SITE LEADERSHIP:

Project Director: Dennis Krenz

Senior Project Manager: Mike Scanlon

PROJECT TIMELINE:

2017 – 2020: Preplanning/early engagement

June 2020: Mobilization to site

2020 – 2023: Access, topsoil strip, grade, rock blasting, pipeline construction, hydrotest, drying & handover to client

October 2023: Planned substantial mechanical completion

2024: Final completion



Surerus Murphy Key Contacts:

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**TRANS MOUNTAIN
EXPANSION PROJECT**

SPREAD 5A



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