

TRANS MOUNTAIN PROJECT



Surerus Murphy Joint Venture is responsible for constructing 184 km of 36" pipe from Black Pines, B.C. through the communities of Kamloops and Merritt to Britton Creek (adjacent the area where the Coquihalla Toll Booth once was) on behalf of the Trans Mountain Expansion Project (TMEP). This project started ground disturbance activities in July 2020 and construction is expected to be complete in Q4 2023.

In conjunction with pipe installation, TMEP is concurrently executing the largest archaeological project conducted in Canada on a project of this magnitude. Spread 5A is the single largest spread on the British Columbia side of the expansion project passing through four pumpstations.

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
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Senior Project Manager: Mike Scanlon

PROJECT TIMELINE:

2017 – 2020: Preplanning/early engagement
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June 2020: Mobilization to site
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2020 – 2023: Access, topsoil strip, grade, rock blasting, pipeline construction, hydrotest, drying & handover to client
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October 2023: Planned substantial mechanical completion
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2024: Final completion
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Surerus Murphy Key Contacts:

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**TRANS MOUNTAIN
EXPANSION PROJECT**

SPREAD 5A



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