

ELKO PROJECT

Surerus Murphy Joint Venture is supporting TC Energy with increasing the capacity on their Foothills Pipeline System. The Foothills Zone 8 West Path Delivery 2023 Project is necessary to supply growing demand in southern B.C. and downstream North American markets, with natural gas produced in Western Canada.

PROJECT OVERVIEW:

- **Client:** Foothills Pipelines (South BC) Ltd – a wholly owned subsidiary of TC Energy
- **Location:** east of Fernie, B.C.
- **Pipeline length:** 32 km
- **Pipe diameter:** 48"
- **Total workers at peak:** ~750
- **Regulator:** Canada Energy Regulator and other provincial/federal agencies

CONSTRUCTION FEATURES:

- **Trenchless crossings:** 4 auger bores up to 100 m in length
- **Open cut crossings:** 76 watercourses, 19 wetlands, 43 roads, 8 pipelines
- **Steep slopes:** 23 steep slopes up to 42 degrees pre-grade, 35 degrees post grade and between 30 m to 400 m in length each
- **Hydrotest sections:** 7 mainline and 2 facility
- **Welding processes used:** Mechanized welding (RMS GMAW) for mainline with GMAW/FCAW for poorboy and tie-ins. SMAW for small diameter facility welding
- **Coating processes used:** Automated spray coating (CRC SPC 2888) for mainline and brush applied SPC2888 for poorboy and tie-ins

COMMUNITY BENEFITS & IMPROVEMENTS:

- Community sponsorship program invested approximately: \$30,000/yr
- Average weekly revenue benefiting the community: \$350,000K
- Local and Indigenous hiring target: 15%

ON-SITE LEADERSHIP:

Project Director:	Paul Kelly
Project Manager:	Colin McKenna
Construction Manager:	Spencer Beckner
Superintendent:	Colin Swales

PROJECT TIMELINE:

Contract award:	Q2 2022
Mobilization:	Q2 2022
Construction phase:	
Phase 1:	Summer / Fall 2022 for access, clearing, strip, grade, trenchless crossings and poorboy works
Phase 2:	Summer / Fall 2023 for pipeline installation, hydrotest and machine clean up
Phase 3:	Summer / Fall 2024 for final clean up
Substantial completion:	Oct 2023
Clean up:	Summer / Fall 2024
Final completion:	Q4 2024



- **HR:**
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- **Media & Issues:**
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- **Local & Indigenous Engagement:**
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**For more information on TC Energy's Foothills
Zone 8 West Path Delivery 2023 Project:**

www.tcenergy.com/siteassets/pdfs/natural-gas/west-path-delivery-program/factsheets/factsheet-foothills-zone-8-west-path-delivery-2023.pdf



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