

# SIMONETTE HDD

*Surerus Murphy Joint Venture is constructing the Simonette HDD project, a section of the Deep Valley North project that was part of TC Energy's Nova Gas Transmission Line (NGTL) pipeline network expansion on the NGTL 2021 Expansion Project.*

*This project requires the installation of 1.7 km of 48" pipe, with 1.2 km of this being a HDD under the Simonette River. This is a continuation of Surerus Murphy's previous work on this pipeline network, having completed the Karr and Elk River sections in 2022 and 2023 respectively.*

## PROJECT OVERVIEW:

- **Client:** TC Energy
- **Location:** south of Grand Prairie, AB
- **Pipeline length:** 1.64 km
- **Pipe diameter:** 48"
- **Total workers at peak:** ~120
- **Regulator:** Canada Energy Regulator and other provincial/federal agencies

## CONSTRUCTION FEATURES:

- **Major trenchless crossings:** 1190 m HDD under the Simonette River
- **Watercourse crossings:** 4 (2 in the HDD path and 2 open cut)
- **Hydrotest sections:** 1 pre-test for the drag section and 1 mainline test
- **Welding processes used:** GMAW/FCAW for poorboy and tie-ins. SMAW for small diameter facility welding
- **Coating processes used:** Brush applied SPC2888 for poorboy and tie-ins

## COMMUNITY BENEFITS & IMPROVEMENTS:

- Consulted with ten local Indigenous communities for employment and subcontracting opportunities
- Local volunteer and sponsorship program

## ON-SITE LEADERSHIP:

|                          |               |
|--------------------------|---------------|
| <b>Project Director:</b> | Paul Kelly    |
| <b>Project Manager:</b>  | Dean Burkart  |
| <b>Superintendent:</b>   | Walid Maalouf |

## PROJECT TIMELINE:

|                                |                        |
|--------------------------------|------------------------|
| <b>Contract award:</b>         | May 2023               |
| <b>Mobilization:</b>           | June 2023              |
| <b>Construction phase:</b>     | July to November, 2023 |
| <b>Substantial completion:</b> | November 2023          |
| <b>Clean up:</b>               | Q4 2023                |
| <b>Final completion:</b>       | Q4 2023                |



**Surerus Murphy Key Contacts:**

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**For more information on TC Energy's NGTL2021  
Expansion Project:**

[www.tcenergy.com/operations/natural-gas/2021-ngtl-system-expansion/](http://www.tcenergy.com/operations/natural-gas/2021-ngtl-system-expansion/)



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