

Pipeline Construction

GeoVerra is a one-stop shop for surveying and environmental solutions for pipeline projects. Our team provide safe and cost-effective solutions for the successful completion of these projects throughout the construction lifecycle.

As one of Canada's biggest surveying and geomatics firms, we have the capacity to take on large, long-term projects and the ability to scale up and down as required. Having surveyed thousands of kilometres of pipelines, we understand the process and the complexity involved. As industry experts for large-diameter pipeline projects, we support all phases of construction with an experienced, field-based team that includes survey crews, geomatics technologists, forestry specialists, and on-site management, backed by a consistent team of office professionals.

Pre-Construction Services

- Routing sessions and terrain modelling using lidar and aerial photography
- Right-of-way and disposition surveys
- Alignment sheet generation and mapping products
- Bathymetric surveys
- Site and topographic surveys
- Timber salvage planning and management
- Logging, clearing, hauling operational plan budgeting
- Regulatory approvals, supplements, water act, wildlife sweeps

Construction Services

- Construction staking (right-of-way, ditchline, engineering, environmental)
- Weld mapping and material reconciliation
- Customizable pipeline as-builts
- Facility as-builts
- HDD and bore profiles
- Clearing inspections
- Qualified aquatic environmental specialist (QAES) watercourse reports
- Environmental inspections

Post-Construction Services

- Legal as-builts
- Plan registration and disposition filing
- Integrity digs
- Above-ground marker (AGM) surveys
- GIS data management



“GeoVerra provided outstanding service during the design and construction phases of the Northwest Calgary Connector Pipeline. The team was not only able to deliver their services with the highest standard, but they went above and beyond to ensure successful project delivery and implemented innovative solutions in a timely manner which played an important role in keeping the project construction moving.”

– Ranjodh Soora | Project Engineer, **ATCO**

For more information, visit our website or get in touch with your local office at geoverra.com/contact