

MAJOR PIPELINE PROJECTS



Midwest Surveys' **Major Pipeline Projects (MPP) Group** works collaboratively with clients to facilitate successful planning and completion of customized pipeline projects.

Through consultation, we ensure that project designs meet or exceed construction standards and requirements for regulatory approval. From R.O.W. staking, engineering, and as-builts through to testing and final welds, our personnel has the knowledge and expertise required to provide the highest quality product, in a safe, timely, and cost-efficient manner. Additionally, the MPP Group utilizes the most advanced survey technologies and processes.

Utilizing two service groups, MPP offers solutions for a variety of stages including regulatory pre-planning, engineering design, and construction:

- **Pipeline Pre-Construction**
- **Pipeline Construction**





PIPELINE PRE-CONSTRUCTION SERVICES



PIPELINE CONSTRUCTION SERVICES

PLANNING AND REGULATORY SERVICES

- Cost estimates and scheduling
- Survey management and administration
- Document searches
- Terrain modelling (LiDAR, air photo, and satellite)
- Detailed routing sessions
- Right of way details and dispositions
- Property sketches
- Mapping
 - Route maps
 - Route map sheets
 - Access maps
 - Regulatory maps

DESIGN AND LAND ACQUISITION

- Environmental and geotechnical support surveys
- Ground disturbance surveys (soil, historical, etc.)
- Legal R.O.W. surveys
- Engineering design surveys
- New & existing facility surveys
- R.O.W. grade support surveys

DELIVERABLES

- Property sketches or IOP's
- Engineering design survey notes
- Proposed ditch line profile
- New and existing facility plans
- Crossing drawings
- Legal and regulatory survey plans
- Construction alignment sheets
- Plan profile book of reference plans (PPBoR)
- R.O.W. grade plans

CONSTRUCTION SERVICES

- Pre-construction R.O.W. staking
- Pipe date and pipe manifest reconciliation
- Ditch line staking
- Engineering design layout
- Reference/process chaining
- As-weld pipe data
- Pipe and material as-built
- Facility as-built

DELIVERABLES

- Hydro testing data and plans
- Caliper tool data and correlation
- Materials reconciliation
- Final grade surveys
- As-built crossing drawings
- As-built survey notes
- As-built alignment sheets



If you would like to learn more about our pipeline services, please contact the MPP Group:

1-800-387-3032 • mpp@midwestsurveys.com



Midwest's office locations throughout Alberta, British Columbia, and Saskatchewan facilitate timely and cost-effective solutions for any pipeline construction project. The MPP Group combines Midwest's extensive experience in geomatics and mapping with industry experts specially trained in pipeline services. Our project managers have strong backgrounds in a variety of pipeline and facility programs, and together have surveyed more than 5000 km of pipeline in both pre-construction and construction phases.



Service Beyond Boundaries