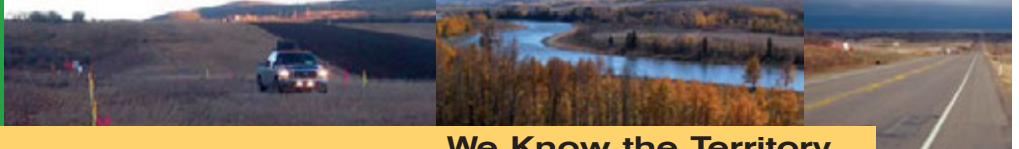


MAJOR PIPELINE PROJECTS

**PIPELINE
PRE-CONSTRUCTION
SERVICES**



We Know the Territory



PIPELINE PRE-CONSTRUCTION SERVICES

Major Pipeline Projects (MPP) Pre-Construction Services Group works with clients to determine the best services, deliverables and personnel that are required to complete individually customized projects. Combining our highly skilled employees, advanced technologies and over 60 years of experience, we consult with clients and ensure their designs exceed their own expectations as well as regulatory approval standards. The MPP Group utilizes knowledgeable personnel, data acquisition, data processing and in-house software. Planning, land acquisition and community will all benefit from the deliverables that MPP offers. We provide economic, safe and practical services which successfully fulfills all clients' pipeline pre-construction requirements.



Utilizing four service groups, MPP offers products and services for:

- Pipeline Pre-Construction
- Pipeline Construction
- Pipeline Integrity
- Pipeline Data Management

If your pipeline is in the regulatory pre-planning, engineering design, construction or operating stage, MPP will meet your survey and geomatics requirements safely, timely and cost-efficiently.



Pipeline Pre-Construction Services

PLANNING AND REGULATORY SERVICES:

- Cost estimates and scheduling
- Survey management and administration
- Documentation searches
- Base file mapping
- Terrain modelling (Lidar, air photo and satellite)
- Detailed routing
- Right of way details and dispositions
- Property sketches
- Mapping
 1. Route maps
 2. Route map sheets
 3. Access maps
 4. Regulatory maps

DESIGN AND LAND ACQUISITION:

- Environmental 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 and IOP's
- Engineering design survey notes
- Proposed ditch line profile
- New and existing facility plans
- Construction survey plans
- Crossing drawings
- PIL and PLA plans
- Legal survey plans
- Construction alignment sheets
- Plan profile book of reference plans
- R.O.W. grade plans



**For more information
on how our MPP group
can help you, contact:**

MPP GROUP

Midwest Surveys Inc.
2827 Sunridge Blvd. NE
Calgary, AB T1Y 6G1

403-244-7471
403-244-2466 fax
1-800-387-3032 toll free

mpp@midwestsurveys.com
www.midwestsurveys.com

Midwest's office locations throughout Alberta, British Columbia and Saskatchewan facilitate timely and cost-effective solutions for any pipeline pre-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.

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HEAD OFFICE (Calgary)

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