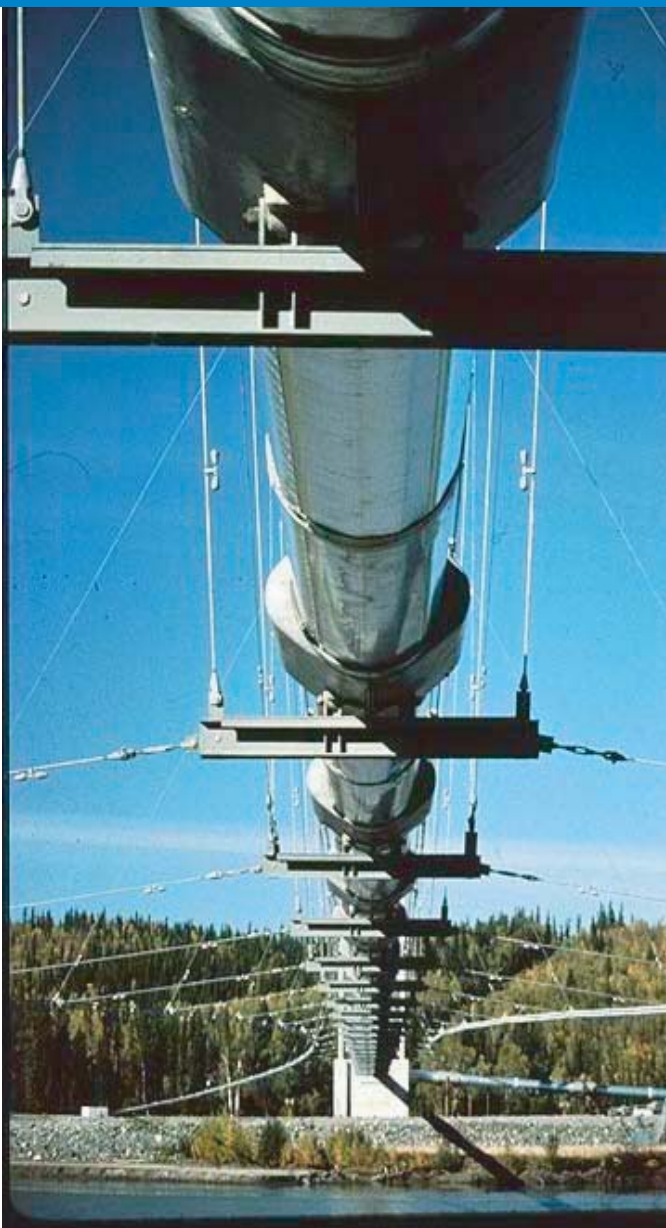


Solutions for Gas and Liquid Pipeline Operations**INTEGRITY MANAGEMENT SERVICES**

Under pressure to meet federal mandates, to preserve pipeline assets, and to protect the public, pipeline operators face a range of technology challenges, from collecting, maintaining, and integrating pipeline data to implementing GIS for risk assessment, mitigation, and accident control. Sewall offers innovative and time-tested solutions to managing integrity that balance multiple needs for GIS and asset management consulting, spatial data development, and pipeline software.

Consulting:

- Business case development
- Industry analysis/needs assessment
- System selection and design
- System implementation planning
- Operational risk assessment

Data:

- Aerial imagery
- Field data acquisition
- Landbase mapping
- Digital orthophotography
- GIS data capture
- Linear referencing
- Database integration

Software:

- ClassLocator™
- HCACalculator™
- RiskCalculator™
- ASGPipeline™
- Customized applications

For more information on Sewall's services, contact:

Clarence A. Young
 Project Manager
 (207) 827-4456
 youc@jws.com



JAMES W. SEWALL COMPANY / Since 1880

Offices nationwide

800 648 4202 sewall.com info@sewall.com