James B. Gillis,
RPLS, NSLS, CLS
Associate Surveying

Education

- Diploma in Land Surveying – 1970-72 NSLSI
- (College/University) Miscellaneous Credits 1980-81 – Acadia University
- Diploma in Geophysical Surveying 1974-85 NSLSI
- Cisco Networking Academy Level 1 – 2003 Tomball College

Registrations

- Registered Professional Land Surveyor State of Texas – No. 5762
- Commissioned as a Canada Lands Surveyor - 1981
- Commissioned as a Nova Scotia Land Surveyor – 1974

Affiliations

- Texas Society of Professional Surveyors
- Association of Nova Scotia Land Surveyors
- Association of Canada Lands Surveyors
- National Society of Professional Surveyors (The American Congress on Surveying and Mapping)

Certifications

- Principles of Doppler Satellite Surveying - 1981
- Hydrographic Surveying Procedures – 1979
- Leica Geosystems GPS Trainer – 2000

Mr. Gillis has over thirty-nine (39) years of surveying and mapping experience. His extensive background in GPS surveying, both static and RTK, enhances his knowledge of topographic mapping, boundary and control surveys, petroleum exploration surveys, and construction monitoring.

Jim led our efforts in East Texas and Montague County using a web-based GIS to allow for real-time communication and progress updates, containing route, parcel, and pipeline data as well as aerial images, topographic overlays, etc.

Professional Experience

- Wolf Survey and Mapping - Houston, TX
- Frontier Surveying Company – Fort Worth/ Corpus Christi, TX
- Leica Geosystems, Inc. - Norcross, GA
- Bighorn Land & Field Surveys LTD. Calgary, Alberta
- Veritas DGC Land Inc. - Calgary, Alberta & Houston, TX
- Intertech Surveys LTD. - Calgary, Alberta
- Geosurvey Holdings LTD. - Riyadh, Saudi Arabia
- GOVERNMENT OF CANADA – Ottawa, Ontario
- Aero Service Division of Western Geophysical – Houston, TX
- James B. Gillis & Associates – Middleton, Nova Scotia

Significant Project Experience

- ***City of Arlington – Control Network Update***
  Updated GPS Control Network established in the 1990's based on the North American datum of 1983. Geodetic transformers calculated between each of the three NAD83 adjustments (1986, CORS, & 2007) and the NAD27 datum making it possible to transform GPS/GNSS data between each of these coordinate systems.
- ***Topographic Design Surveying - Water Main Replacements – Grand Prairie, TX***
  Project consisted of Topographic Survey for Engineering Design relating to the replacement of about 15,000 feet of Public Utilities (i.e.: Water Mains, Sanitary Sewer Systems, Storm Drains) for the City of Grand Prairie.
- ***RPLS in Responsible Charge*** of the survey of mineral interests in several blocks of land in East Texas consisting of approximately 150,000 acres. These surveys required extensive research and the tracing of documentary evidence back to original surveys made under the authority of the Government of Mexico as well as both the Republic and State of Texas. In conjunction with this, detailed field investigations were conducted in an attempt to verify the locations of original corners and deal with discrepancies between boundary evidence found on the ground and related documentary evidence.