



K. SMART ASSOCIATES LIMITED

CONSULTING ENGINEERS AND PLANNERS

Kitchener

85 McIntyre Drive, Kitchener, Ontario, N2R 1H6
Phone (519) 748-1199

Sudbury

1-800-265-6456 Fax: (519) 748-6100

Delhi

Website: www.ksmart.ca
Email: info@ksmart.ca

The Company

K. Smart Associates Limited, which is a Canadian Consulting Engineering firm since 1975, specializes in municipal engineering and planning projects for government, commercial, industrial and private sector clients and delivers a diverse range of services to both private and public organizations throughout Ontario.

The Personnel

Owned by active shareholders the company employs about 34 persons comprising of Professional Engineers, Engineers-In-Training, Technologists, Land Use Planners, AutoCAD technicians, Surveyors, Construction Inspectors and Office Administration.

Management:

John Kuntze, President
David Harsch, Secretary –Treasurer
Kevin Death, VP of Operations
Linda Botzang, Controller & HR Manager

Kitchener

Phone 519-748-1199
Phone 1-800-265-6456
Fax: 519-748-6100

Sudbury

Phone 705-222-6175
Phone 1-800-265-6456
Fax 705-674-2332

Delhi

Phone 519 489-2394
Phone 1-800-265-6456
Fax 519 489-2762

Fields of Specialization

The company offers a complete range of planning and engineering services from conceptual and feasibility studies through to final design and construction supervision.

Municipal Drainage Engineering

The firm specializes in providing Drainage Engineering under the Ontario Drainage Act. K. Smart Associates Limited is involved in all aspects of municipal drainage including the preparation of drainage reports, investigation of watershed areas, assessment schedules and construction supervision. The firm represents clients on the Ontario Drainage Tribunal.

Structural Engineering

Engineering services are provided for structural evaluation, appraisal and rehabilitation of bridges and culverts. Each project is subject to a complete analysis including site characteristics, hydraulic requirements, geometric design and structure appearance. Engineering services are provided for small buildings, arenas, industrial buildings and multi storey buildings. The firm also provides structural safety appraisals, structural analysis, feasibility studies, cost estimates and construction supervision.

Structural Health Monitoring

The firm provides engineered structural monitoring for buildings, bridges, historical and religious structures, infrastructure, building materials/systems research, industrial applications, including production equipment in the field of power generation, geotechnical engineering (retaining walls, slope stability monitoring) and environmental engineering. The most advanced optical and analog sensors and data logging equipment is used.

Storm Drainage and SWM

Engineering services are provided for the complete design of storm sewer systems including computer modeling for storm water management (SWM) facilities, pumping stations, site servicing, & construction supervision.

Sewage Treatment

Firm specializes in the design of on-site sewage treatment systems for senior citizen homes, schools, golf courses, restaurants, seasonal camp grounds and highway service centers. Innovative sewage treatment systems are developed to deal with effluent disposal limitations including reuse of effluent for toilet flushing or irrigation.

Land Use Planning and Site Development

Urban and Municipal Land Use and Development Planning and Engineering services are provided for clients that include subdivision and site plan approvals for residential, industrial, institutional and commercial development.

Typical Projects

Environmental

- Erosion Control
- Land Fill Studies
- Aggregate Extraction Plans

Municipal Drains

- Drainage engineering reports under the Ontario Drainage Act
- Investigation of watershed areas
- Revisions to assessments
- Construction supervision
- Drainage Maintenance under the Drainage Superintendent program

Structural

- Structural Health Monitoring
- Reinforced Concrete, Timber and Structural Steel Design
- Foundation Design
- Bridges
- Buildings (Municipal, Commercial, Institutional and Industrial)
- Structural Safety Appraisals
- Fire Inspections
- Road Need Studies

Storm Drainage and Sewage Treatment

- Stormwater Management Design and Implementation
- Hydrology and Hydraulics
- Storm Water Pumping Stations
- Sewage Treatment Plants
- Sewage Collection Systems
- Onsite Septic Disposal Systems
- Site Servicing (Water, Sanitary Sewer and Storm Sewer)

Water Supply, Treatment & Distribution

- Water Treatment Plants
- Water Supply and Distribution
- Water Distribution System Analysis
- Design and construction supervision of water pumping stations
- Site Servicing

Land and Site Development, Subdivision

- Subdivision servicing
- Roadway Engineering
- Lot Grading
- Subdivision Agreements

Municipal Land Use and Urban Planning

- Municipal Land Use Planning
- Development Planning and Approvals
- Severance Agreements
- Ontario Municipal Board representation
- Development Charges Studies/ Updates
- Property Investigation Reports