



COMPANY OVERVIEW:

In 1962, our founder, **Martin Sernas**, had the vision to start his own engineering consultancy. He founded G.M. Sernas & Associates Ltd., a firm initially dedicated to serving clients in the Land Development Industry.

Since then, the company has grown substantially, in size, the services it provides and the clients it services. The firm is now a multi-disciplinary professional consulting firm, providing core consulting services for projects in the areas of:

- ✓ Land Use & Development Planning
- ✓ Water Resources Management
- ✓ Transportation Planning & Traffic Engineering
- ✓ Municipal Engineering
- ✓ Lighting, Power & Telecom Engineering
- ✓ Geomorphic & Environmental Sciences

These practice areas have been organized into Business Units, which allows the flexibility of providing either “stand alone” services specific to each unit or more comprehensive services of two or more units where the needs of the client or project dictate.

SERNAS ASSOCIATES | TRANSTECH | SRM ASSOCIATES | NEXGEN UTILITIES | GEOMORPHIC SOLUTIONS

The Sernas Group Inc. now has four operating offices within Ontario; located in Whitby, Mississauga, Richmond Hill and, most recently, Kitchener/Waterloo. This diversified network of offices allows us to have local presence in the markets we serve and reduces commuting times for both our clients and staff. The firm has also grown in its staffing to meet our project and client needs and now employs over 200, engineers, technicians and technologists, land use planners, scientists and support staff dedicated to the company’s core values of providing consistent professional service delivery, in a highly responsive manner.

KEY PERSONNEL

President:

Reginald (Reg) Webster, P.Eng.

Chief Executive Officer:

Gordon Patterson, P.Eng., M.B.A.

Sernas Associates, Acting General Manager:

Gordon Patterson, P.Eng., M.B.A.

Sernas Associates, Regional Managers:

Richard Tranquada, P.Eng., M.B.A.

Mirko Favit, B.A.Sc. (Eng), P.Eng.

Edward Duck, B.A., C.E.T.

Transtech, General Manager:

James Bacchus, B.A.

SRM Associates, General Manager:

Dale Dionne, P.Eng., M.B.A., P.M.P.

Nexgen Utilities:

Robert Pryzslupski, M.Eng., P.Eng.

Geomorphic Solutions, General Manager:

Paul Villard, Ph.D., P.Geo.



FIELDS OF SPECIALIZATION

SERNAS ASSOCIATES

Land Use Planning | Official Plan and Secondary Plan Preparation | Rezoning | Plans of Subdivision and Condominium | Ontario Municipal Board Testimony | Land Acquisition Investigations | Developer Group Project Management | Cost Sharing Agreement Schedules | Engineering Detailed Design: Residential and Industrial Subdivisions, Commercial, Institutional and Residential Site Plans | Field Services and Contract Administration | Project Management | Master Environmental Servicing Reports | Stormwater Management Design | Watershed Management Reports | Flood-Line Mapping Studies | 'Low Impact Development' Design

TRANSTECH

Transportation Impact Studies | Parking Demand Studies | Site Access & Circulation Assessments | Traffic Signal and Corridor Analysis | Functional and Detailed Road and Intersection Design | Road Safety Audits | Traffic Calming | Travel Demand Management Studies | Ontario Municipal Board Expert Testimony

SRM ASSOCIATES

Environmental Assessments | Functional & Detailed Road Design | Road Reconstruction and Sewer Rehabilitation | Design of Bridges and Drainage Structures | Trail Design and implementation | Parking Lot Design and Implementation | Project Management, Scheduling and Cost Control | Large Diameter Feeder-Main Design | Sanitary and Storm Sewerage Flow Monitoring | Private and Communal Sewerage Systems | Water Supply, Treatment, and Distribution Studies and Design | Roundabout Design

NEXGEN UTILITIES

Electrical Distribution and Street Lighting for Residential, Commercial and Industrial Subdivisions | Parking Lot Lighting Systems | Utility Rehabilitation Projects | Traffic Signal Design and Implementation | Intersection Illumination Design and Implementation | Capital Works Projects for Municipal and Hydro projects

GEOMORPHIC SOLUTIONS

Geomorphological Inventories and Baseline Data Collection | Natural Channel Design and Stream Corridor Restorations | Coastal Habitat Restoration | 100 Year Erosion Rates and Erosion Setback Analysis | Shoreline Recession Modelling | Sediment Transport Modelling | Shoreline Morphological Evolution Modelling | Geomatics | Spatial Data Analysis and Geoprocessing | Environmental Modelling