

RMS

ROBERT M. SUTHERLAND P.C.



ENGINEERS | PLANNERS | SURVEYORS | SOIL & MATERIAL TESTING

ROBERT M. SUTHERLAND, P.C.

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RMS is an engineering, surveying firm established in 1973 and located in Plattsburgh, New York. The firm provides quality engineering and surveying services with capabilities to supply all services essential in completing projects, eliminating the need for multiple subcontracts.

The Firm Consists of:

- Professional Engineers
- Civil Engineers
- Land Surveyors
- Construction Inspectors
- Construction Technicians
- Civil Technicians
- CADD Technicians



PROJECTS

Below are some plans and air photos of projects completed by RMS:

- Champlain Centre South: Lowe's, Price Chopper, K-Mart, Bed Bath & Beyond and more.
- Champlain Valley Physicians Medical Group
- Champlain Centre North - Target
- FedEx Building
- FedEx Ground Building
- Consumer Square:
Wal-Mart
Sam's Club
T.J. Maxx and more
- Plattsburgh College Suites



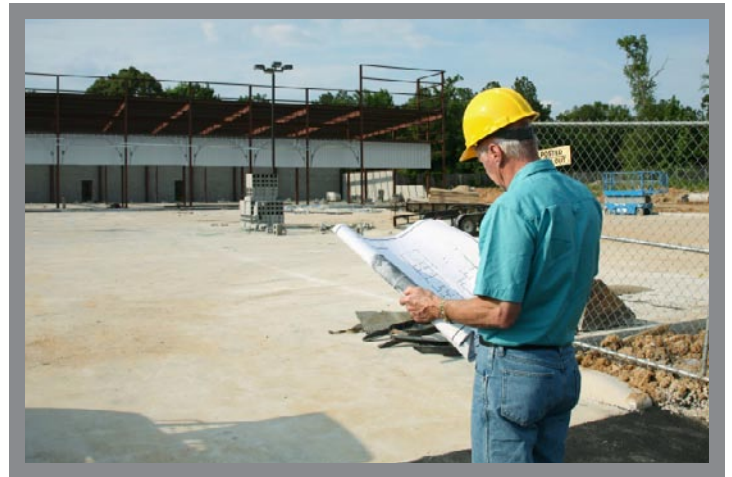
SERVICES

RMS performs engineering services ranging from comprehensive planning and feasibility studies through preparation of contract documents, plans and specifications. We have the in-house capabilities to supply all the engineering, environmental services, surveying, soils and materials testing, and construction inspection essential to your project needs, eliminating the need for multiple subcontracts.

CIVIL ENGINEERING

RMS engineering department has a reputation of high quality, cost effective solutions to our clients needs. Our experience provides a broad range of services to private and public clients throughout northeastern New York. Our firm utilizes the latest in engineering and modeling software from AutoCAD, HydroCAD and Haestad Methods to STADD and Ener Calc. Some of the services that can be provided include:

- Engineered Site design of residential and commercial developments
- Design of reinforced concrete structures
- Design and behavior of steel structures
- Structural analysis for residential and commercial buildings
- Design of roadways, waterlines, sanitary sewers and storm sewers for residential and commercial development
- Design of dams & flood control projects
- Design of stormwater pollution prevention plans
- Construction inspection and testing of highways, utilities, buildings, dams, flood control and other construction projects
- Construction layout, reconstruction of state highway routes



CONSTRUCTION INSPECTION & MATERIAL TESTING

Unlike many design firms whose services end with the approval of a project, RMS has the manpower and expertise to provide full construction management supervision along with material testing to ensure a project is constructed to the highest level of quality. RMS certified and licensed staff are able to provide:

- Inspection and Material Testing Full or Part Time Supervision
- Certified Payment Requests
- Soil and Asphalt Compaction Tests
- Concrete Testing
- Steel Inspection and Testing
- Insulation Inspections
- Fireproofing Inspections
- New York State Special Inspection Services
- Fully Equipped Materials Laboratory

SERVICES

ENVIRONMENTAL SERVICES

With environmental impacts becoming more and more important in today's society, all projects require the expertise of design professionals familiar with the standards necessary for development. They also need skills in navigating through the approval process including permitting from various governmental agencies such as New York State Department of Environmental Conservation (NYSDEC), and US Army Corp of Engineers. RMS has successfully obtained approval for a variety of projects including:

- Industrial Mining Operations
- Flood Control Devices
- Dams
- River and Stream Crossings
- Shoreline Stabilization



SURVEYING

RMS surveying department has a reputation for high quality, responsiveness and professionalism while always keeping costs to a minimum. Decades of experience provides a broad range of services to private and public clients throughout northeastern New York, ranging from lot surveys required in purchasing or refinancing a home to boundary surveys of large tracts for land or topographic surveys necessary for development of commercial projects. Our firm utilizes the latest survey technology including GPS and AutoCAD systems. Some of the services that can be provided include:

- Land Boundary Surveys
- Topographic Surveys
- Route Surveys, Right-of-Way & Easement Surveys
- Architectural Surveys
- Control Surveys
- Construction Stakeout
- Global Positioning System (GPS) Technology
- Wetland Surveys
- FEMA Flood Certifications



SERVICES

GEOTECHNICAL ENGINEERING

RMS geotechnical staff has the experience and ability to provide a wide range of services. Some of these services include:

- Groundwater Mottling
- Conduct On-Site Soil and Rock Borings
- Determination of Bearing Capacities
- Stability Analysis of Earth Structures
- Preparation of Geotechnical Reports and Analysis
- Fully Equipped Laboratory



LAND DEVELOPMENT

The development of land requires the expertise of design professionals familiar with the standards necessary for specific uses, as well as skills in navigating through the municipal review process, State Environmental Quality Review Act (SEQRA), and other governmental review agencies. RMS has successfully obtained approval for a variety of projects including:

- Commercial Shopping Complexes
- Professional Office Complexes
- Industrial Mining Operations
- Institutional Development
- Land Planning
- Open Space, Cluster Housing, Planned Urban & Mixed Use Development
- Multi-Family, Townhouse & Apartment Development
- Recreational Planning & Development
- Single Family Residential Development

