

Certified MBE Firm
Federal ID#: 16-1482116
Principal Contact:
Nagappa Ravindra, PE,
President,
NY License #: 062591
nravindra@ravieng.com
(585) 223-3660

Ravi Engineering & Land Surveying, P.C., (RE&LS) is a consulting firm with a staff of 104 located in Rochester, Buffalo, Binghamton and Albany, New York, and Allentown, Pennsylvania, that specializes in providing state-of-the-art structural, environmental, and geotechnical engineering, in addition to construction inspection and land surveying services. Established in 1995 by President & Owner, Nagappa Ravindra, P.E., the firm is committed to providing technically sound solutions to our clients that include state, municipal and private organizations. At RE&LS, we strive to exceed our clients' expectations for responsiveness, efficiency and timeliness in delivery of services. We are a certified MBE firm.

Our Services

BUILDINGS, BRIDGES, AND SPECIAL STRUCTURES

- Structural Analysis, Design of Buildings & Bridges
- Structural Value Analysis
- Preparation of Structural Contract Drawings
- Specifications & Estimating
- 3D Modeling, Analysis and Optimization
- CADD - Computer Aided Design and Drafting
- Phased or Fast Track Designs
- Design of Foundations and Sub-Structures
- Structural Investigations
- Forensic Engineering
- Feasibility Studies
- Structural Renovations, Alterations and Restorations

SURVEY

- Topographic and Boundary Surveys
- Right-of-Way and Easement Mapping
- Hydrographic/Bathymetric Surveys
- Laser Scanning
- UAV (Drone) Surveys
- Residential and Commercial Property Surveys
- ALTA Surveys
- Utility Surveys
- Construction Stakeout
- Machine Control Model Building
- As-Built Surveys
- Subsurface Utility Designation

GEOTECHNICAL ENGINEERING

- Subsurface Investigations
- Geotechnical Evaluation and Reports

ENVIRONMENTAL ENGINEERING

- Environmental Assessments / Impact Statements
- Phase I & II Environmental Site Assessments
- Permit Applications
- Public Participation Program Coordination
- SEQRA / NEPA Process Coordination
- Hazardous Material Survey
- Asbestos and Lead Survey, Design, & Project Monitoring/Air Sampling
- Licensed Mold Assessments
- SWPPP Services
- Tank Compliance
- Wetland Delineation and Mitigation Planning
- CAMP (Community Air Monitoring Program) Monitoring
- Remediation Oversight / Inspection

TRANSPORTATION ENGINEERING

- Bridge and culvert design
- Bridge Rehabilitation Design
- Stormwater Pollution Prevention Plans
- Highway Engineering
- Accident Analysis
- Pavement Evaluations
- Pedestrian Trails and Facilities Engineering
- Utility Coordination
- Transportation Planning

BRIDGE & OVERHEAD SIGN INSPECTION

- Routine Forensic Investigations
- Roadway and Bridge Deck Inspections
- Load Rating Evaluations
- Routine Overhead Sign and Underwater Inspections

CONSTRUCTION INSPECTION

- Construction Administration and Inspection
- CPM Review Scheduling
- Special Inspections

