

Established in 1995 by the firm's President & Owner, Nagappa Ravindra, P.E., Ravi Engineering & Land Surveying, P.C. (RE&LS) is a consulting firm with a staff of 118 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. We are 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.

BUILDINGS, BRIDGES, AND SPECIAL STRUCTURES

- Structural Analysis, Design of Buildings & Bridges
- Structural Value Analysis
- Preparation of Structural Contract Drawings
- Specifications & Estimating
- Bridge Sub-Structure & Super-Structure Design
- Culvert Design
- 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

- ALTA Surveys
- Topographic and Boundary Surveys
- Right-of-Way and Easement Mapping
- Hydrographic Surveys
- Residential and Commercial Property surveys
- Utility Surveys
- Construction Stakeouts
- As-Built Surveys
- Machine Control Model Building
- Subsurface Utility Engineering

BRIDGE & OVERHEAD SIGN INSPECTION

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

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, Consultation
- Asbestos Project Monitoring/Air Sampling
- Licensed Mold Assessments
- SWPPP Services
- Tank Compliance
- Wetland Delineation and Mitigation Planning
- Technical Writing and Editing

TRANSPORTATION ENGINEERING

- Roadway Engineering
- Traffic Engineering
- Accident Analysis
- Transportation Planning
- Pavement Evaluations
- Utility Coordination
- Constructability Reviews
- Stormwater Pollution Prevention Plans
- Pedestrian Trails and Facilities

CONSTRUCTION INSPECTION

- Construction Administration and Inspection
- Paint/Coatings Inspection
- CPM Review Scheduling
- Special Inspections

