



Roaring Brook News

ENGINEERING A BETTER FUTURE

Summer 2006

Multi-Disciplinary Engineering

Each day as our world changes, new technology and information become available to us. Engineers are the problem solvers who look for quicker, better and less costly ways to meet those challenges of the future. At **Roaring Brook Consultants, Inc.**, we are constantly looking for ways to improve and expand our engineering expertise to as many areas as possible. We find that our services can not only be of great help to those in the insurance, legal, and construction industries, but we also offer valuable services to those in architectural, real estate, environmental and financial fields. If you wonder how an engineering firm can be of service to your business, take a look at what Roaring Brook Consultants has to offer!

❖ *Civil Engineering*



The most well-known of engineering disciplines, these services deal with the planning, designing and construction of buildings, bridges, dams, and roads. We assist with everything from site planning and road designs to drainage analysis, erosion and sedimentation control designs to help with the success of your next project. While most of our other services are categories of Civil Engineering, they can involve specialized skills and knowledge unique to that discipline.

❖ *Environmental Engineering*



Environmental engineers identify and design solutions for environmental problems. Working with the insurance industry, Roaring Brook Consultants help with property inspections and environmental site assessments. We provide remediation for leaking fuel storage tanks and give cleanup recommendations and methods. If you're not sure about the safety of your groundwater or soil or if you just need an assessment of land before you buy, let us help you!

❖ *Geotechnical Engineering*



This engineering discipline deals with the solution of problems involving soils and rocks. It includes soil and rock mechanics and foundation design. Roaring Brook Consultants can do soil density testing, and slope and soil stability analysis for projects that need long-term support. Earth dams and other retaining structures may also need to have their stability evaluated. Foundation designs, which focus on the load carrying element used to connect the structure to the ground, need to be analyzed for their durability. Other aspects of this discipline can include footings, piles, and drilled piers, as well as retaining walls and bracing. Roaring Brook can help give you the peace of mind in knowing your project the support that is needed.

❖ *Construction Management*



At Roaring Brook Consultants, we understand how difficult construction schedules can be to coordinate to the satisfaction of everyone. Let us help with an analysis of your schedule and construction field problems. We'll even help present the extra work and the scheduling claims that can sometimes be involved.

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❖ *Forensic Engineering*



Forensic engineers work with the legal and insurance industries to help identify and define the technical unknowns of accidents and failures. It is a discipline that involves analysis of the failure as well as a working knowledge of current standards. Our expert analysis can include cause of failure, evaluation of damage, and recommendations for repair, from such causes as construction defects, fires, hail, tornadoes, hurricanes, sinkholes and earthquakes. We also provide the legal expert testimony required in many such cases.

❖ *Crane Inspections*



For anyone who works with cranes, it is understandable why there is a need to meet or exceed safety standards. Crane accidents can be costly in terms of repair or replacement. Our crane knowledge is extensive and our inspectors are OSHA approved. If you're looking for someone to provide your company with comprehensive crane inspection services, Roaring Brook consultants can help. We provide inspections for general industry, overhead cranes and mobile construction cranes under OSHA Regulations 1910.180 and, 1926.550, respectively. We have OSHA approved Surveyors on staff under 29 CFR Part 1919, and in this capacity we are authorized to inspect maritime cargo handling devices. We can also take care of your 3rd party and annual inspections. We will inspect the integrity and accuracy of your cranes major systems and components and provide you with two copies of the report as well as an inspection sticker when the crane passes inspection. When annual inspections are required, we will notify you in advance to help enable you to keep your equipment in working condition.

❖ *Structural Engineering*



If you are in the process of building or intend to start, we can help. We design foundations, shoring and bracing systems, temporary bridging, and the installation of construction elevators and special lifting fixtures. For those who are looking for help with existing structures, we also do structural inspections, damage assessments, and repair designs.

❖ *Surveying Services*



Whether you are a land owner needing to know the boundaries of your property, or a site developer preparing for a new housing development, Roaring Brook Consultants can help. We can provide services for boundary surveys on any size parcel of land.

❖ *Rigging Courses*



Even after a crane has been inspected and certified, your knowledge of rigging could be the difference between safety and the next crane accident. At Roaring Brook Consultants, we want to help you understand rigging requirements. Our instructor is a certified rigger and his comprehensive knowledge of cranes and rigging will make this four hour course a must for those in the construction industry. To meet the schedules of those who wish to participate, we are offering two more courses for 2006. This fall we will be offering our Rigging Course in Portland, Maine and look for us this winter in West Palm Beach, Florida. For more details on the times and places of our rigging courses, look for our sign-up sheet in the mail or call us toll free at 877-RBC-2643. We hope to see you there!

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Announcements

International Engineering

An International Project requires an understanding of differing business practices and cultures. For this reason, we have gathered an international team of experts together to help you, or your client, on your next international project! **Roaring Brook Consultants, Inc.** and **Euroconsulting Group Engineering** can provide you with a broad range of engineering services to help you with your international projects. From our locations in the United States and Rome, Italy, we are able to deliver focused effective solutions to your engineering needs with specialized services in program management, environmental engineering, industrial engineering, evaluation of facilities and sites, risk assessments, cost analysis, regulatory training and cultural training.

We serve you, where you have needs. Worldwide!

Visit us at one of our websites for more information on any of our services

- ▶ www.roaringbrook.com
- ▶ www.roaringbrookcrane.com
- ▶ www.italamerican.com
- ▶ www.terrasolutions.net

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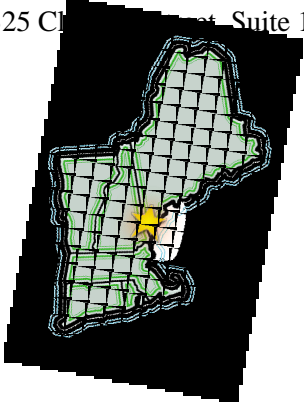


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We Welcome Your Comments

If you have thoughts, opinions or suggestions that you would like to share with us, please contact us using any of the methods or addresses listed below. We want to serve our customers better and look forward to hearing from you.

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