

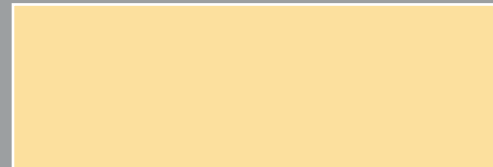
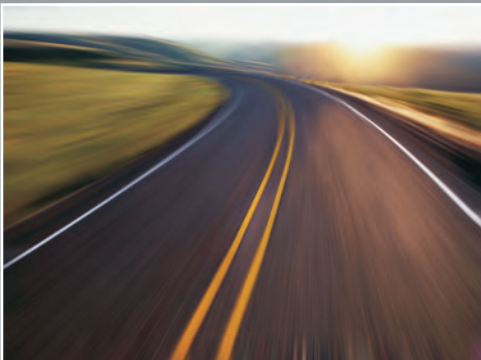
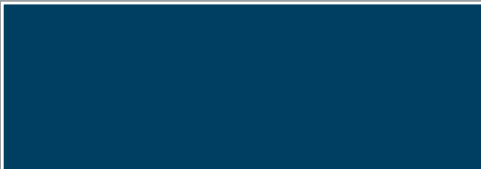
engineering success.

PUBLIC ENGINEERING

LAND AND MARINE ENGINEERING

ENVIRONMENTAL AND ENERGY CONSULTING

BUILDING SYSTEMS ENGINEERING



creative solutions for our clients needs.

Birdsall Services Group (BSG) is a recognized leader in meeting the engineering and environmental consulting needs and overall goals of property owners in the private and public sectors. Our professional staff members possess the regulatory knowledge, technical skills, and project management expertise required for selecting the most effective solutions to engineering and environmental issues that confront our clients. ■



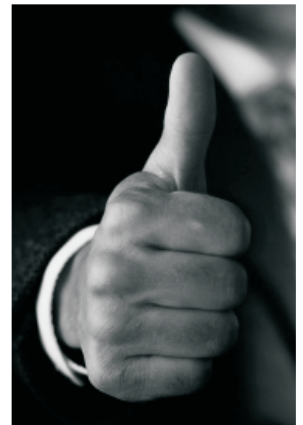
WHO WE ARE

BIRDSALL SERVICES GROUP (BSG) is a professional service firm with recognized leaders in engineering and consulting. The strengths of our licensed and certified professionals enable us to serve a wide variety of clients throughout New Jersey, New York, Pennsylvania and the remaining Northeast Corridor in the private sector as well as all levels of government, public authorities, and non-profit organizations.

Since 1919, BSG has provided its engineering and environmental consulting services to several core and ancillary markets including healthcare, K-12 education, higher education, government, developers, architects, and construction managers. Additional ancillary markets include attorneys, light automotive, financial institutions, religious organizations, and insurance professionals.

While BSG has evolved and grown over the past 90 years, the values by which we conduct our business have never changed. BSG has succeeded by stressing the importance of client satisfaction and by recognizing the value of client relationships. We believe that the value of our technical expertise along with the quality and character of our employees will continue to strengthen the relationships that we have established with our clients and lead to new relationships. It is these enduring, guiding principles that we embrace every day as we serve our clients. ■

results.



WE ARE COMMITTED TO
DELIVERING EXCEPTIONAL
RESULTS FOR EVERY CLIENT.

At Birdsall Services Group, we measure our success against a simple, single benchmark... the success of our clients. While the pace of engineering innovation is rapid and projects can be challenging and exciting, creating value and delivering results for our clients remains the core of our business.

BUILDING SYSTEMS ENGINEERING

BSG's Building Systems Engineering professionals are experts in all aspects of heating, ventilation and air conditioning (HVAC), electrical, plumbing, fire protection, information technology, building automation systems, and structural engineering.

With every project, we strive to design and create modern systems that provide the best environmental climate; the highest level of energy efficiency; optimized economy of operation, and infrastructure and systems that can easily adapt to the changing needs of clients.

BSG's experience with the technol-

ogy and design tools available today enable us to provide a well-engineered and safe structure through the use of a diverse range of building systems engineering services. We provide the technical assistance our clients need to understand the integrity of their existing inventory of structures, the experience to rehabilitate these structures, and the knowledge to design new structures.

BSG not only designs high-performance buildings, we incorporate environmental and economic sustainability into every project. ■



Newark South District Police Precinct



Morristown Memorial Hospital



Bergen County Emergency 911/OEM Center

solutions.

SOLVING THE ENGINEERING CHALLENGES OF OUR CLIENTS IS NOT A STATIC, STATUS-QUO ENDEAVOR. THE BSG TEAM IS CONTINUALLY FOCUSED ON NEW IDEAS AND NEXT-GENERATION TECHNOLOGIES. AT BSG, FOSTERING THE CULTURE OF CREATIVE INNOVATION ENABLES NEW ENGINEERING IDEAS TO BE NURTURED AND BEST PRACTICES TO BE ESTABLISHED. AS A RESULT, THE LATEST TECHNOLOGIES CAN BE HARVESTED AND HARNESSSED TO DELIVER MORE EFFECTIVE, LONG-TERM SOLUTIONS FOR OUR CLIENTS.



trusted advisor.

For over **90 years** BSG has forged powerful partnerships with companies and communities to help them achieve a better future through innovative solutions and real proven results.



AS OUR CLIENT'S TRUSTED ADVISOR, OUR GOAL IS TO RECEIVE THE "FIRST CALL" WHEN GUIDANCE IS NECESSARY.



Pocono Raceway Park – Solar Field



Red Bull Soccer Stadium



Newark Gateway

ENVIRONMENTAL AND ENERGY CONSULTING

BSG's Environmental and Energy Consulting services meet the growing challenges that confront property owners in the private and public sector.

With the adoption of scores of federal and state environmental regulations in recent years, the services of a qualified environmental consultant have become a necessary component of virtually all development and redevelopment projects. Our professionals possess the regulatory knowledge, specialized skills, and project management expertise that can help clients effectively address any issues with innovative thinking and a comprehensive suite of engineering and consulting services.

BSG is a leader when it comes to helping our clients preserve natural resources and protect the natural environment. Our team of experienced engineers and energy experts proactively design, develop, and implement sustainable energy projects that can clear a path to a clean and sustainable future. ■



Cape Liberty Cruise Port



Long Branch Boardwalk

LAND AND MARINE ENGINEERING

BSG's Land and Marine Engineering practice provides results-oriented consulting engineering and surveying services, serving residential and commercial developers as well as governmental and industrial clients. Our premier land use permitting strategies, along with our marine and waterfront development engineering and submerged utility services, continue to be in high demand by clients needing experienced guidance to navigate the regulatory challenges in these areas.

BSG brings an innovative approach to land and marine engineering projects for our clients. We help them realize their vision and enhance their community, while ensuring responsible and productive use of their land and water. ■



Springfield Avenue Bridge



Bergen County Utilities Authority

PUBLIC ENGINEERING

BSG brings unmatched experience to public sector engineering projects. We offer a broad range of engineering and consulting services to municipalities, authorities, counties, and government agencies.

BSG has a unique understanding of the issues related to public projects, and we possess the expertise to successfully navigate the complex process. We work extensively with all stakeholders, including citizens and regulatory bodies, to build consensus, secure support, and gain approval. Equally important, we deliver high-quality services and projects that enhance the local community and demonstrate strong financial stewardship. ■

services.



SATISFIED CLIENTS. SMART BUSINESS.

BSG offers a broad range of services and every BSG employee shares a common purpose... to effectively and creatively solve the challenges of our clients. Our professionalism and commitment to "everyday excellence" is reflected in the long list of satisfied BSG clients. ■



BUILDING SYSTEMS ENGINEERING

Mechanical, Electrical & Plumbing

- Facility Master Planning
- Mechanical Systems & HVAC
- Plumbing/Fire Protection
- Electrical/IT
- Sustainable Design

Structural

- Design Analysis
- Parking Structures

LAND AND MARINE ENGINEERING

Marine Services

- Ports & Harbors
- Waterfront Development
- Marine Ecology

Site Development

- Feasibility Studies
- Land Use Permitting
- Ecological Evaluations
- Wetlands
- Constraints Analysis/GIS Mapping
- Conceptual Development
- Planning
- Surveying
- Land Development
- Urban Redevelopment
- Traffic
- Construction Administration



ENVIRONMENTAL AND ENERGY CONSULTING

Environmental

- Assessment & Investigation
- Groundwater Investigation
- Remediation
- Brownfield Redevelopment

Geotechnical Engineering

- Construction Observation
- Vibration Monitoring
- Laboratory Services

Waste Management

- Landfill Closure & Redevelopment
- Material Management
- Solid Waste & Recycling

Regulatory Compliance

- Asbestos/Lead-Based Paint
- Demolition Services
- IAQ/Mold
- Air Permitting
- OSHA/EPA Compliance

Energy

- Master Planning
- Efficiency Audits
- LEED Consulting
- Building Commissioning
- Greenhouse Gas
- Renewable Energy
- Procurement

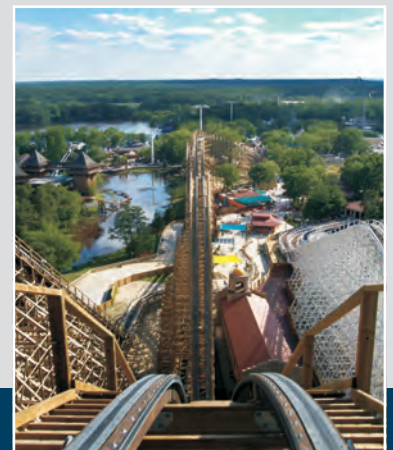
PUBLIC ENGINEERING

Public Consulting

- Municipal Engineering
- Landscape Architecture
- Parks & Recreation
- Planning & Permitting
- Transportation Services
- Bridge Engineering
- Structural Engineering
- Construction Administration
- Grants & Funding

Water Resources

- Engineering Evaluation
- Permitting
- Planning & Modeling
- Engineering & Design
- Operations & Maintenance



El Toro, Six Flags Great Adventure

FOR FURTHER INFORMATION...

Log onto www.birdsall.com where you will find a wealth of information about Birdsall Services Group and the services we provide.... or contact us at **888.335.BSGi (2744)**.



Pier Village at Long Branch



For more information about Birdsall Services Group,
visit us online at:

www.birdsall.com

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