

What's NEXT: ENGINEERING



Long Island
BusinessNEWS
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Cameron Engineering

What's Next in Engineering? - Learning from the Past, Meeting the Needs of the Present, Planning for the Future

A great definition of Sustainability is "meeting the needs of today without compromising the ability of future generations to meet the needs of tomorrow". This is one of the great challenges that we face here on Long Island. How do we continue growing if our roads and critical infrastructure are already crumbling? How do we prepare for the next "Superstorm" with an antiquated electric grid, without causing electric rates to skyrocket? How do we bring new businesses to the Island in energy inefficient buildings that are beyond their useful life, while dealing with space restrictions for new construction?

Since 1985, Cameron Engineering has been providing full service multi-disciplined consulting engineering and planning services in the New York metropolitan area and beyond and has been assisting their clients with addressing these "big picture" as well as day-to-day concerns that all property owners face. Founded by John D. Cameron, Jr., P.E., the Firm is comprised of qualified and experienced engineers, landscape architects, planners, facility operators, and environmental scientists dedicated to providing professional, timely and responsive services to their clients.

As most problems require an integrated approach to address all of the various issues that can be encountered, the Firm's approach is an integrated design strategy with a focus on the full life cycle: design/ build/ operate/ maintain. Regarded as one of New York's leading consulting engineering firms, the firm offers expertise in Mechanical and Electrical Engineering, Energy Management Services, Structural Engineering, Security/CCTV Engineering, Site Development and Landscape Architecture, Planning and Environmental Engineering, Stormwater/Ecological Restoration, Emergency Preparedness/Resiliency, Solid Waste Engineering, Water and Wastewater Engineering, Civil Engineering, Traffic and Transportation Engineering, and Construction Management.

While all Long Islanders share many common concerns, the specific needs of one client in Riverhead does not necessarily match the needs of a client in Long Beach or even Brooklyn or Queens. Operating from offices in Woodbury, Manhattan, and White Plains, Cameron Engineering possesses a diversified range of experience in various facets of municipal, institutional, educational, commercial, industrial and environmental engineering. In this respect, the firm maintains wide geographic coverage and flexibility to maximize responsiveness to its clients thus ensuring customized solution delivery.

Cameron Engineering has a professional staff of over 110 employees including 34 Professional Engineers licensed in various states, three (3) Registered Landscape Architects and four (4) Members of the American Institute of Certified Planners. Their staff also includes many employees with graduate degrees in the fields of engineering and/or science. The staff works in a multi-disciplined environment and is intimately familiar with overall project requirements, in addition to their specific area of expertise.

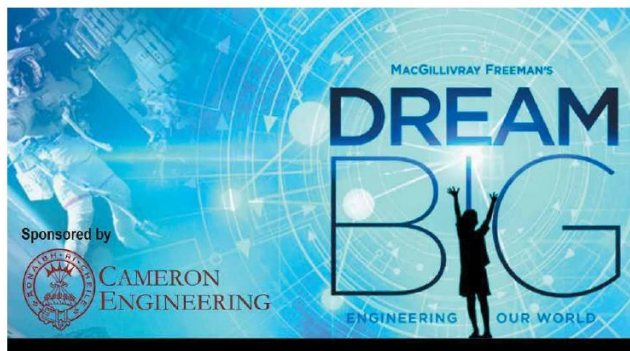
As an active member of the Long Island



Business community, the firm deals with many of the same issues as their clients. Cameron Engineering is committed to utilizing softer and greener approaches wherever possible to minimize environmental impacts, maximize energy efficiency, reduce costs, and provide pleasing aesthetics. The firm's techniques are innovative as they are constantly learning new technologies and techniques resulting in an enriched understanding of the environments in which their clients live and work. This translates to superior service for their clients and results in successful project deliverables.

With employees that live and work in the neighborhoods they serve, Cameron Engineering seeks to present solutions that they would be proud to call their own. One such example of a dynamic project that transformed one of Long Island's communities is Wyandanch Village. This represents the implementation of a transformative vision for a \$500 million mixed-use transit-oriented development (TOD) project on 40 acres of assembled properties in the hamlet of Wyandanch. The public-private partnership is one of the region's most significant collaborations addressing social change and economic investment in an underserved community. Cameron Engineering provided M/E/P, Site and Civil Engineering services as well as Landscape Architecture. This area is now a hub of growth in the community and a development that is poised to meet the needs of today and tomorrow.

Another example of the type of transformative projects that point to a brighter future for the Island that Cameron Engineering is the engineer for is the Ronkonkoma Vision Project. After decades of neglect, the area around the Ronkonkoma Long Island Rail Road station has been targeted for transformative development by Suffolk County and the Town of Islip. County and Town owned property on the south side of the railroad tracks and the northern reaches of Long Island MacArthur Airport is the site of a proposed \$1 billion development



from JLL, one of the nation's leading real estate management firms. The development plan proposes a major convention, hotel and event center, a medical research and treatment facility, commercial office space, a soccer/lacrosse stadium and athletic field complex and supportive retail, food and beverage space. This project is ongoing and recent County Legislature approval allows the development team to provide a detailed final plan and complete due diligence activities with respect to the feasibility of the project including analysis of financial, market, construction, environment, property ownership and other aspects.

One of the greatest ways to address the needs of the future is to provide leading edge education to our young people. They are the future leaders and changemakers on Long Island and they need a more comprehensive support system to help them thrive. Cameron Engineering knows that STEM Education provides our students and young people with the training they need to take on the complicated uncertainties of tomorrow. As a major contributor to the Long Island STEM education support system through their participation on the Long Island STEM Hub, on school/university advisory boards, at science competi-

tions, and at career and college fairs, Cameron Engineering shares their time and expertise in that effort and is ever more committed to the importance and upside benefits of STEM Educational outreach and programs here on Long Island.

Cameron Engineering believes that teaching the young people of Long Island today about the excitement of a STEM career with the practical uses of Science, Technology, Engineering and Mathematics, coupled with hands on problem solving and real-world examples can provide the needed exposure and inspiration to our future engineering workforce. Long Island is also blessed with many world class higher education campuses where these students can train in the skills needed to enter the workforce and stay and improve Long Island's shared future.

The firm's employees enjoy a collegial and collaborative work environment that encourages expanding their potential every day and rewards exemplary service which translates to superior service to their clients. Cameron Engineering employees pride themselves on the high standard of service they provide and are excited for the opportunity to engineer the future for a better and brighter Long Island.



MTA-LIRR Third Track



Hofstra Northwell School of Medicine



FDNY



Ronkonkoma Vision Project



Garvies Point



456 Greenwich Street



Smithtown Solar Photovoltaics



Massapequa Creek Preserve



St. Joseph's College Athletic Complex



Bergen Point WWTP



Molloy College Center for Nursing



SC Minor League Stadium



Morrelly Homeland Security Center



Clean & Green Biosolids Facility

CAMERON ENGINEERING



Mechanical & Electrical Engineering

Structural Engineering

Security/CCTV/Engineering

Civil Engineering

**Site Development &
Landscape Architecture**

Water, Wastewater and Solid Waste Engineering

Planning & Environmental Engineering

Energy Services

Sustainable Design/LEED Design

Traffic and Transportation Engineering

Construction Management

Emergency Preparedness/Resiliency

LEED Accredited Professionals

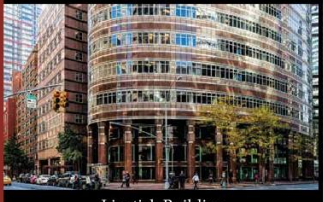
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