



Education

New Jersey Institute of Technology, MS Civil Engineering, 1984

Stevens Institute of Technology, BE Civil Engineering, 1974

Professional Registrations/Affiliations

Licensed Professional Engineer in New Jersey, New York, Pennsylvania, Alabama and Delaware

Licensed Professional Land Surveyor in New Jersey and Delaware

Licensed Professional Planner in New Jersey

Certified Municipal Engineer

International Council of Shopping Centers

New Jersey Society of Municipal Engineers

American Society of Civil Engineers

New Jersey Society of Professional Land Surveyors

LEED Green Associate (LEED-GA)

Years in the Industry

40

Areas of Expertise

Site and Subdivision Design, Land Surveying, Municipal Surveying, Municipal Engineering, Energy and Utilities

Summary of Qualifications

As head of the Site Engineering and Land Surveying Services Division for T&M, Mr. Moralle is responsible for preparation of all municipal land surveying, tax map projects, real estate development designs including surveying, mapping, drainage, grading, landscape design, permit applications, and wetlands delineation. He is well-versed in the latest computer technology concerning AutoCAD and GIS applications.

Mr. Moralle has a broad background in municipal and civil engineering, land surveying, environmental studies and planning. He is responsible for all land surveying, wetlands location survey, right-of-way (ROW), and tax mapping for the firm's clients. He supervises and prepares ALTA/ACSM boundary title surveys, tax maps, Green Acres and SDAC acquisition surveys as well as ROW documents for the NJ Turnpike Authority, NJDOT, county and municipal clients. Mr. Moralle is also responsible for overseeing, supervising and coordinating survey assignments provided by subconsultant aerial survey, hydrographic survey and subsurface utility survey firms. He served as the appointed Municipal Engineer in the Fair Haven for 12 years and as the Planning Board representative for Red Bank and Keansburg. He has prepared studies and designs for numerous residential and commercial developments and devised major land redevelopment master plans. He has testified as an expert witness throughout New Jersey on numerous development applications. Mr. Moralle also has extensive experience in the design of stormwater management projects, schools construction, military construction, site development, highways and sewerage facilities. He is the representative for the New Jersey Society of Municipal Engineers (NJSME) on the NJDEP subcommittees responsible for implementing and revising the Best Management Practices Manual for design of stormwater management facilities. Mr. Moralle has conducted seminars for the NJSME Certified Municipal Engineer Program as the Coordinator of Municipal Engineering and Land Surveying.

Mr. Moralle has been the Principal-in-Charge on numerous energy and utility projects including 100 MW of solar assignments in New Jersey and Massachusetts, as well as CHP projects in New Jersey.

Key Projects

Merrill Lynch Corporate Headquarters, Hopewell Township, NJ. Provided all site engineering and design of the campus to support development of major new 3.5 million SF corporate campus in Mercer County. The entire site consists of approximately 443 acres, with a concentrated effort and focus was placed on the stormwater management controls and water quality aspects of the proposed development. The site is being developed in five phases.

Hills Development Company, Bernards Township, Somerset County, NJ. Study and preparation of stormwater/sanitary sewer management facilities, and site development design for 1,000 residential units.

Carnegie Center West – Building 804, Boston Properties/ NRG Energy, Princeton, NJ. Site plan design of a state-of-the-art office building site using a multitude of sustainable elements including 800kW solar arrays consisting of 13 solar ground-mounted parking canopies, 2 solar roof-mounted canopies, and 2 solar ground-mounted pergolas; 400kW natural-gas-fired CHP unit; Two 30,000 gallon underground



rainwater storage system; 2 windmills; pedestrian sidewalks and bicycle paths; 4 bio-swales and a 0.70-acre wet pond; green roof; and electric vehicle charging stations. Scope includes surveying, General Development Plan (GPD) design, wetland delineations, Phase 1 investigations, environmental permitting, landscape architecture design, traffic engineering, site lighting design, LEED® consulting services, and construction management.

Johnson & Johnson Child Care Centers. Managed design, permitting and approval process for two 250 student child care centers on two corporate campuses.

Hudson County Police and Fire Academy, Jersey City, NJ. New 55,000 SF facility adjacent to Laurel Hill County Park, including four buildings, parking, pistol ranges and detention basin.

Carnegie Center, West Windsor, NJ. Prepared site plans for 2.5 million SF Class A office park for Carnegie Center Associates.

Patriot Hill, Bernards Township, NJ. Prepared site plans for 530-unit residential mixed-use development for Toll Brothers.

Senior Citizens Housing, Keansburg, NJ. Responsible for all site engineering and landscaping architecture to support development of new 70 unit facility currently nearing completion on site of former Borough Hall.

NJ School Construction Corp., Early Childhood Site Feasibility Studies, City of Harrison High School and Neptune City, NJ. Set selections/feasibility services, supervised preparations of site feasibility, survey conceptual design and environmental characterizations and permitting.

NJ School Construction Corp., Bolger School, Keansburg, NJ. Supervised various site improvement projects for this Abbott district school including building additions, site reflection and environmental permitting.

Barnegat Elementary School, Barnegat, NJ. Managed design, permitting and approval process for a new 79,000 SF elementary school. Tasks included roadway vocation negotiations and complex utility agreements to allow school to be constructed.

Manalapan-Englishtown Middle School and Elementary School Expansion, Manalapan, NJ. Supervised all project elements from environmental due diligence through pre-referendum, design permitting and consulting.

Hovsons Development Company, Berkeley Township, NJ. Prepared studies and designs for 1,411 senior citizen units.

Jefferson at Aberdeen Station, NJ. Prepared site plans and offsite improvements for 290-unit residential apartment redevelopment project on a Brownfield site.

Old Bridge Township Waterfront Park, NJ. Supervised preparation of beachfront access easements and GPS surveys of shore bathometric survey.

Route 516 Bridge over Deep Run, Old Bridge, NJ. Supervised preparation of roadway surveys and ROW documents to Middlesex County standards for permanent and temporary construction easements as part of a bridge replacement.

North Randolphville Road Bridge, Piscataway, NJ. Supervised preparation of roadway surveys and ROW documents to Middlesex County standards for permanent and temporary construction easements as part of a new bridge design project.

South Randolphville Road, Piscataway, NJ. Supervised the preparation of roadway surveys and ROW documents to Middlesex County standards for permanent and temporary construction easements as part of a full roadway reconstruction and widening project.

Garden State Parkway Interchange 67, Waretown, NJ. Supervised GPS control, wetlands location survey and ROW plan preparation.

Rt. 528 Improvements, Gull Island and Mantoloking Bridge, NJ. Supervised GPS control, wetlands location survey and ROW plan preparation.