



Proposal for

Town of Boonton

RFP Proposal - Municipal Professionals (General Engineering)

June 24, 2025 | 25008380P



Engineering
& Design

January 31, 2025

Neil Henry, Business Administrator
Town of Boonton
100 Washington Street
Boonton, NJ 07005

RE: RFP Proposal-Municipal Professionals (General Engineering) Town of Boonton
Colliers Engineering & Design Project No. 25008380P

Dear Mr. Henry,

Colliers Engineering & Design, Inc. (CED) is an award-winning, multi-disciplined firm with a team of experienced professionals who have provided engineering and related consulting services to New Jersey municipalities, counties, and authorities since 1984. Our firm takes great pride in our work, and we are pleased to have the opportunity to submit our Statement of Qualifications for the above-referenced position.

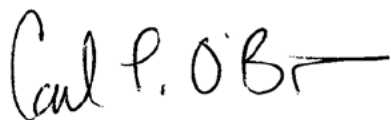
CED provides services inclusive of Municipal Engineering, Water/Wastewater Engineering, Stormwater Management, GIS/Asset Management, Planning, Grants & Funding, Construction Engineering & Inspection, Environmental, Survey, Landscape Architecture, Traffic & Transportation Engineering, Architecture, and Utilities/Energy. CED can provide unmatched expertise, technology, and methodology. Having all these services available to you under one umbrella ensures that every project will be met in the most efficient, safe, and cost-effective manner possible.

I, Carl P. O'Brien, PE, PP, CME, CPWM, will be Principal-In-Charge for this engagement and will be available to attend regularly scheduled and special meetings as required. In addition, we will have access to a readily available team of licensed professional engineers and specialist to fulfill your engineering needs.

Thank you for your consideration. As you review our submittal, you will find our firm to possess the specific expertise and capabilities necessary to meet the needs and requirements of your municipality, and we look forward to working with you. If you have any questions or require further information, please feel free to contact me at 973 810 0048 or via email at carl.obrien@collierseng.com.

Sincerely,

Colliers Engineering & Design, Inc.
(DBA Maser Consulting)



Carl P. O'Brien, PE, PP, CME, CPWM
Principal | Geographic Discipline Leader



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Section 1

Executive Summary

Colliers Engineering & Design (CED) has significant experience in providing the requested engineering services for your municipality. The depth and breadth of the experience and services offered by CED's staff allows our firm to act as a one-stop shop. In addition to civil and municipal engineering, CED offers services that also include grant writing and funding application assistance; surveying; street, sidewalk, and curb design; storm sewer, landscaping, park and green space design; building rehabilitation and maintenance; permitting assistance; facility needs assessments; construction management and inspection; and developing maps and record drawings. Our broad range of available services will allow us to quickly and efficiently respond to any issues that may arise during this engagement.

Our engineers also have direct experience with the goals and demands unique to your region. With our extensive group of licensed Professional Engineers (PE) and Certified Municipal Engineers (CME), CED can provide any aspect of municipal engineering services that you may need, from capital improvement projects and stormwater management to open space planning and GIS services.

CED has the expertise to meet the needs of your municipality regarding the day-to-day operations as well as planning for future goals. We will provide you with competent personnel that have experience in providing engineering, technical and administrative expertise. As your Engineer, CED will be able to provide assistance in all engineering matters as directed.

Our approach to every project, large or small, is met with the same conviction. We have empowered our team of professionals to supply you with the highest level of customer service and expertise. Together we will plan for future projects effectively and efficiently, while maintaining the quality of life for your residents.

Section 2

Corporate Profile

Municipal Firm Overview

Colliers Engineering & Design (CED) is a trusted provider of multi-discipline engineering, architecture, consulting and design services, delivering customized solutions to our clients.

With **80+ offices** and more than **3,000 employees** nationwide, New Jersey is the home of CED's headquarters. Dedicated to serving our New Jersey communities for nearly **40 years** (originally established as Maser Consulting), we've made a commitment to maintain the highest level of quality, accountability, and work safety throughout each of our office locations.

Having a regional presence throughout the state allows us to offer a full range of engineering consulting and design services on a local level as our experienced team of professionals are extremely knowledgeable about the

demands unique to area communities. Our employees are vested in our communities as residents where they live, work and play. Many have also had the privilege of representing those communities by serving as engineers and planners within our local municipalities, which has given us a unique view of our clients' needs and enabled us to provide customized solutions to meet their goals.

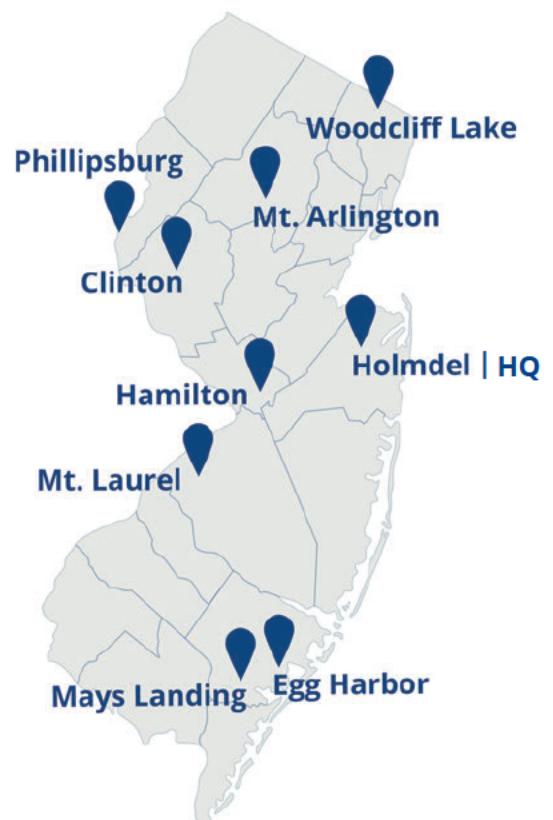
Our full-service, in-house resources, advanced technologies, and proven project management approach combine to provide accessibility to resources and strategies that maximize the success of our clients' project potential in a timely, cost-effective manner. Our multidisciplinary approach to design, combined with a deep understanding of the industry, local knowledge, and decades of experience, has positioned us as leaders shaping the built environment.

NEW JERSEY OFFICE LOCATIONS

Our dedicated staff team takes great pride in their commitment to providing the following services:

- Aerial & Mobile LiDAR Mapping
- Architecture
- Bridge/Structures
- Civil & Site Development
- Construction Engineering & Inspection
- Geo-Environmental Engineering
- Geographic Information Systems (GIS)
- Highway Design
- Landscape Architecture
- Land Use Planning
- Materials Testing Laboratories
- Municipal Engineering
- Natural Resources
- Subsurface Utility Engineering
- Survey/Geospatial
- Stormwater Management
- Telecommunications
- Transportation
- Utilities/Energy & Renewables
- Water/Wastewater

877 627 3772 | colliersengineering.com





Firm Advantages

Colliers Engineering & Design prides itself on its long-standing relationships that enable candid and concise communication at every level of government. Representing dozens of municipalities and authorities, our licensed Professional Engineers and Certified Municipal Engineers can provide any aspect of Municipal Engineering Services that you may need, from capital improvement projects and stormwater management to open space planning and GIS services. Over time, our municipal engineers become as much a part of your organization as they are of ours.



- Over four decades of experience providing valued services and expertise in areas that are important to the quality of life for your residents
- Responsive Project Managers who design customized solutions to meet our clients' needs
- In-house experts covering a wide range of disciplines, making our firm a one-stop shop for customized solutions
- Designs that incorporate cost-saving measures and economic conditions as vital elements
- Professionals who become involved in your community and understand the needs of your municipality
- Broad geographical reach, with a local presence to better serve our communities
- More than 3,000 experienced professionals under one organization for a single source solution
- Knowledge and experience with the critical local issues that face your communities

Contact & Qualifications

Colliers Engineering & Design

Carl P. O'Brien, PE, PP, CME, CPWM
Senior Principal | Senior Project Manager
Email: carl.obrien@collierseng.com

400 Valley Road, Suite 304
Mt. Arlington, New Jersey 07856

Direct Line: 973 810 0048
Cell: 908 797 8100

Municipal Engineering Services

Colliers Engineering & Design's professional engineers, consultants, and planners provide viable solutions to local public clients and governmental agencies to help meet diverse planning, infrastructure, and capital improvement goals while maintaining function, natural resources, aesthetics, and quality of life. Our services encompass all aspects of public endeavors including local and regional utilities, water resources, parks and recreational spaces, public facilities, roadways, and streetscape design.

Our professional engineers take a responsive approach in helping public clients realize their long- and short-term objectives. Our expertise spans all aspects of municipal engineering, consulting, and public works management from the supervision of capital improvement projects to performing zoning and land use board reviews. Beginning with navigating grant and funding options, and following through with planning, design, permitting, and construction observation and administration, we have the appropriate skills and services to bring your projects to a successful close-out. Having experience with both public and private applications has given our professionals a unique insight into both sides of the review process. The advantage afforded by our comprehensive suite of in-house support disciplines streamlines communications, enabling us to deliver the best options and value for your community.

Colliers Engineering & Design professionals provide a full range of services to assist municipalities, authorities, counties, and state agencies.

- Licensed Civil Professional Engineers (PE)
- Certified Municipal Engineers (CME)
- Licensed Landscape Architects (LLA)
- LEED® Accredited Staff
- Professional Land Surveyors (PLS)
- Licensed Site Remediation Professionals (LSRP)
- Geographical Information System Professionals (GISP)
- Certified Public Works Managers (CPWM)
- Certified Floodplain Managers (CFM)
- Professional Traffic Operations Engineers (PTOE)
- Licensed Professional Land Planners (PP & AICP)
- Environmental Scientists
- Licensed Professional Geologists (PG)
- Archaeologists
- Certified Construction Inspectors
- NICET Level III and IV

Contact & Qualifications

Place Where Services Will Be Provided

Colliers Engineering & Design (CED) will be providing services to the Town of Boonton primarily from our Mt. Arlington, New Jersey, location which is located 16 miles (17 minutes) from the Town's offices. Our close proximity ensures our ability to provide services in a timely fashion. The Town of Boonton will have access to all of Colliers Engineering & Design's comprehensive in-house services which includes licensed engineers, planners, surveyors, landscape architects, and environmental scientists. Our team will be available for meetings, conferences, training, and any emergencies that may arise on the project and will be able to meet with the Town of Boonton as needed. Our team is also able to work remotely and utilize video conferencing to communicate in a timely and efficient manner.

Required Statements

Please see Section 7 for our New Jersey Licenses and our Certificate of Good Standing.

Litigation/Disciplinary Action

As a large, nationally recognized engineering design and consulting services company, Colliers Engineering & Design has, over the last 3 years, been involved in certain claims and litigation. We value the confidences of our clients as well as our contractual commitments to confidentiality and strive to avoid disclosure to and/or with third parties of the circumstances involving other engagements and clients. We would take the same position with information regarding our work on your engagement. We can, of course, confirm that there are no claims or litigation of any kind that could reasonably be expected to have a material adverse impact on, or conflict with, Colliers Engineering & Design's performance and its ability to provide the services required for this engagement.

Conflict Of Interest

To the best of our knowledge, there exists no potential conflict of interest that may prevent the firm from performing professional engineering services for the Town of Boonton.

Financial Disclosure

Colliers Engineering & Design is in a financially healthy position and maintains financial stability, as evidenced by our strong Financial Strength and low Risk Rating of 5A2 with Dun & Bradstreet and other credit reporting agencies. Colliers Engineering & Design also files all required information to meet the Local Government Ethics Law N.J.S.A. 40A:9-22(1) et seq.

Contractual Provisions

This RFP does not contain express instructions stating that exceptions to contract terms must be taken at the proposal submittal stage. Therefore, Bidder reserves all rights to negotiate such terms upon receipt of an awarded contract.

References

East Hanover Township

Joseph Tempesta, Jr., Township Administrator
411 Ridgedale Avenue
East Hanover, NJ 07936
973 428 3000

Montvale Borough

Mike Ghassali, Mayor
12 Mercedes Drive
Montvale, NJ 07645
201 391 5700

New Providence Borough

Bernadette Cuccaro, Borough Administrator
360 Elkwood Avenue
New Providence, NJ 07974
908 665 1400

Summit City

Aaron Schrager, Acting Director of
Community Services
512 Springfield Avenue
Summit, NJ 07901
908 273 6404

Cranford Township

Lavona Patterson, Township Administrator/CFO
8 Springfield Avenue
Cranford, NJ 07016
908 709 7200

Union City

Brian P. Stack, Mayor
3715 Palisade Avenue
Union City, NJ 07087
201 348 5700

Woodbridge Township

Mayor, John McCormac
Chief of Staff, Carol Ehrlich
Township Engineer, Mike Gelin
Township Planner, Marta Lefsky
1 Main Street
Woodbridge, NJ 07064
732 634 4500

Section 3

Key Professionals



Carl P. O'Brien, PE, PP, CME, CPWM

Senior Principal | Geographic Discipline Leader | Governmental Services

Education

BS Civil Engineering, Rutgers University, 1999

Professional Registrations

Professional Engineer (PE)
New Jersey, New York,
Connecticut, Rhode Island,
North Carolina, South
Carolina, Florida, Texas

Professional Planner (PP) New
Jersey

Certified Municipal Engineer
(CME) New Jersey

Certified Public Works
Manager (CPWM)

Professional Certifications

OSHA 30 Hr Construction
Industry Outreach Certified

OSHA 10 Hr Occupational
Safety and Health Certified

OSHA Confined Space Entry
Certified

Affiliations & Memberships

New Jersey Society of
Municipal Engineers

Mr. O'Brien has been providing municipal and civil engineering services for more than 25 years in over 50 municipalities. His leadership skills include project management and engineering design of multiple projects. Mr. O'Brien's innovative project expertise ranges from design of recreation complexes; pedestrian and bicycle facilities; streetscape beautification improvements; infrastructure maintenance programs; barrier-free ramp installation; and roadway resurfacing, to complete road reconstruction; widening with new drainage; sanitary sewer improvements; realignment of curbs; sidewalks; and utility relocations.

He is accountable for the management of projects from concept design through construction. He has utilized numerous New Jersey Department of Transportation Local Aid and various grants to construct many large-scale roadway and recreational sports complexes, as well as municipal infrastructure improvements. His extensive knowledge of and contacts with various review agencies facilitates the timely issuance of permits.

Mr. O'Brien is also the lead engineer for the Sports and Recreation Division for the Firm. He has designed recreational facilities and athletic complexes for Municipalities, Boards of Education, Counties, Colleges, and Universities. Mr. O'Brien utilizes NCAA and NFHS athletic field design procedures as the basis for planning the layouts.

Current Appointments

City of Union City, City Engineer

City of Union City Public Schools, Special Projects Engineer

Borough of Demarest, Borough, Planning, and Zoning Board Engineer

Borough of Hillsdale, Borough Engineer

Borough of Ridgefield, Borough Engineer

Northern Valley Regional High School District, Special Projects Engineer

Township of Cranford, Township, Planning, and Zoning Board Engineer

City of Summit, Planning and Zoning Board Engineer

Key Projects

Borough of Roselle, Union County, NJ

Mr. O'Brien has been serving the Borough of Roselle since 2009. Some highlighted projects include:

- **Various Basketball Court Renovations**
Provided design services for the milling, paving and color coating of three existing basketball courts. Project also included coordination with multiple funding agencies from the Union County Kid's Trust Grant, Board of Education and the Borough.
- **Sylvester Land Field Synthetic Turf Improvements**
Provided planning, site design and engineering services associated with the multi-use synthetic turf field improvements totaling 90,000 SF of turf and a two-lane walking track that surrounds the site. The plans included grading, drainage, stormwater management, soil erosion, and sediment control. The multi-use field is permanently lined for football, soccer and little league baseball/softball. The project also included the construction of a basketball court, grandstand bleachers, sports field lighting and a wireless multi-use scoreboard.
- **Roselle High School – Arminio Field – Sports Complex Improvements**
Provided planning, site design and engineering services associated with the multi-use synthetic turf field improvements totaling 100,000 SF of turf and a six-lane synthetic rubberized track along with home and away bleachers, press box, sports field lighting, wireless multi-use scoreboard, and 7,500 square foot multi-purpose building. The plans included grading, drainage, stormwater management, soil erosion, and sediment control. The multi-use field is permanently lined for football and soccer. Green Acres Funding was utilized throughout the project to offset the Borough funds required.
- **Chestnut Street Streetscape**
Provided inspection and design services for the reconstruction of an existing roadway and sidewalk as part of a multi-phased, 20-block streetscape improvement project. The first phase consisted of a 2-block improvement extending from First through Third Avenues with additional phases to follow. NJDOT and federal funding was received to reconstruct an area that included re-grading and re-surfacing of the sidewalk areas; new sewer lines, installation of new curbs with ADA aprons; and streetscaping including installation of new stairs and planters on the Borough Hall.
- **Yearly Road Programs**
Prepared engineering design plans and specifications since 2009 road rehabilitation programs. Project responsibilities included design, bidding services, construction administration and coordination with multiple funding agencies from the NJDOT Local Aid, Community Development, and the Borough. Typical yearly paving projects exceed \$2 million annually in overall roadway construction improvement costs.
- **Borough Roadway and Pavement Management Evaluation**
Developed a roadway maintenance program by evaluating the existing road system (approximately 50 miles of Borough roadway) and provided recommendations for yearly upkeep and repairs. The evaluation included the inspection of Borough roadways to provide an engineering review of Borough trees, sidewalks, curbs and pavement conditions. A comprehensive report that summarizes each road by Ward, inclusive of a cost estimate for the improvements to each road, was provided to Council depicting the requirements that would be necessary to repair and repave the Borough roadways within a 20 year timeline.

- **NJ Environmental Infrastructure Financing Program – Sanitary Sewer Lining Project**
Prepared engineering design plans and acquired financing for the Borough to perform sanitary sewer system improvements to their sanitary sewer trunk line which includes the cleaning, television inspection and lining of approximately 2.5 miles (13,200 LF) of sanitary sewer pipe main. The project helped to decrease the amount of Inflow and Infiltration (I&I) that existed in the aging infrastructure as well as the sanitary sewer fees associated with I&I. GIS mapping and structure locations were also associated with this estimated \$1.7 million dollar capital improvement project.
- **NJ Department of Environmental Protection – Green Acres Project**
Coordinated with NJDEP Green Acres for project funding and provided preliminary engineering services for the construction of three neighborhood parks. The preparation of preliminary site plans, site assessments, and researched history of the site, development of the Recreation and Open Space Inventory (ROSI) and preliminary construction estimates were performed. Basketball courts, play structures, splash parks, pathway lighting, landscaping and other site amenities were constructed.
- **Polk Park**
Provided design services for improvements to this park as part of a NJDEP Green Acres project involving the revamping of three Borough parks. Designed for passive recreation to complement the adjacent High School the park included a wide variety of landscaping; park lighting; clock tower; centralized water feature; mural wall for art projects; extensive seating; checkerboard tables; and full ADA accessibility.
- **Pine Street Park**
Provided design and construction administration services and for improvements to this park as part of a NJDEP Green Acres project involving the revamping of three Borough parks. This location was designed as a multi-generational complex with active/passive features including benches; gazebo; checkerboard tables; basketball courts; playground equipment; bocce ball court; horseshoe pit; splash park; landscaping; lighting; and ADA accessible restrooms.
- **Chandler Avenue Park Improvements**
Provided design and construction administration services for the improvements to this previously under-utilized park. This site was designed to include all new playground equipment; interior security lighting (overhead and bollard fixtures); extensive landscaping; full ADA accessibility; benches, checkerboard and picnic tables, and a clock tower.
- **Borough of Roselle - Planning Board, Golf Course Redevelopment**
Plan review for proposal to redevelop a privately-owned, 60-acre golf course into 900 rental units. Worked with community outreach groups to reduce the original desired 2,400 residential units and increased the total open space. Assisted in the development of the redevelopment plan, agreement, and financial agreement.

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Prof. Engineers & Land Surveyors

HAS LICENSED

Carl P. O'Brien
12-93 Orchard Street
Fair Lawn NJ 07410

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

04/22/2024 TO 04/30/2026

VALID

Carl P. O'Brien

Signature of Licensee/Registrant/Certificate Holder

24GE04515400

LICENSE/REGISTRATION/CERTIFICATION #

Carri Zain

ACTING DIRECTOR

New Jersey Office of the Attorney General
Division of Consumer Affairs

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Board of Prof. Engineers & Land Surveyors
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Carl P. O'Brien
Professional Engineer

04/22/2024 TO 04/30/2026
VALID

SIGNATURE

24GE04515400

License/Registration/Certificate #

ACTING DIRECTOR

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Board of Prof. Engineers & Land Surveyors
P.O. Box 45015
Newark, NJ 07101

PLEASE DETACH HERE

Carl P. O'Brien

EXPIRATION DATE 2026

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Newark, NJ 07101

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Carl P. O'Brien
12-93 Orchard Street
Fair Lawn NJ 07410

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Planner

04/22/2024 TO 05/31/2026

VALID

Carl P. O'Brien

Signature of Licensee/Registrant/Certificate Holder

33LI00593000

LICENSE/REGISTRATION/CERTIFICATION #

Carri Zanis

ACTING DIRECTOR

New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Professional Planners
HAS LICENSED
Carl P. O'Brien
Professional Planner

04/22/2024 TO 05/31/2026
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SIGNATURE

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Board of Professional Planners
P.O. Box 45016
Newark, NJ 07101

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Carl P. O'Brien

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Newark, NJ 07101

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New Jersey Municipal Engineering Institute
of the

New Jersey Society of Municipal Engineers, Inc.

This certifies that

Carl O'Brien

has fulfilled all the requirements for the designation of

Certified Municipal Engineer

Issued and attested to by the Board of Governors of
the New Jersey Municipal Engineering Institute
this 1st day of September, 2005



Certificate Number CME 05-23


Chairman
Vice-Chairman



Department of Community Affairs

Division of Local Government Services

This certifies that

Carl P. O'Brien

having duly demonstrated qualifications, fitness and ability to perform the duties
of public works manager, in accordance with the requirements of Chapter 258,
Laws of 1991, is hereby officially recognized as a

Certified Public Works Manager

September 30, 2010

ISSUE DATE

M-1293

CERTIFICATION NUMBER

CHRIS CHRISTIE, Governor
STATE OF NEW JERSEY

LORI GRIFA, Commissioner
DEPARTMENT OF COMMUNITY AFFAIRS

THOMAS H. NEFF, Director
DIVISION OF LOCAL GOVERNMENT SERVICES

Key Staff



Paul Nolan, PE

Construction Administration

Mr. Nolan serves as Department Manager of Construction Administration & Inspection. His in-depth knowledge includes a wide range of technical pursuits from planning and design through construction completion and occupancy. Some projects include heavy highway design and construction, bridgework, parks and recreation, building/structure rehabilitation, hydraulic water/wastewater systems, design/construction management, and consultation with private as well as public organizations. He also has supervised the evaluation, planning, design, and construction management for numerous public works projects. Mr. Nolan's duties as Department Manager include supervising inspection staff, construction managers, and contracting administration staff of the satellite offices for the firm. Mr. Nolan earned his A.S. in Drafting and Design from Brookdale Community College and his B.S. in Civil Engineering from the New Jersey Institute of Technology. He has also completed coursework towards an M.S. in Engineering and Project Management at New Jersey Institute of Technology.



Kelsey Howard

Grants & Funding

Ms. Howard manages the preparation of grant and loan applications and the administration of awards for Colliers Engineering & Design. She communicates with funding program representatives on behalf of our clients, reviews program guidelines, and ensures that complete, competitive applications are submitted. Ms. Howard has helped secure over \$139 million for clients' projects, working with over 70 towns, counties, utility authorities and others. In 2021 alone, over \$9.9 million was awarded for projects like water main relining and lead line replacement, public library renovations and additions, roadway reconstruction, bicycle sharrow treatments, streetscape corridor improvements, and park and recreation projects like skateparks, playgrounds, and pickleball courts. Some other projects previously funded include sanitary sewer improvements, ballfields, ADA facility upgrades, traffic signal optimization, and historic restoration and rehabilitation to carousels, monuments, train stations, and coast guard stations. She earned her B.A. in Political Science from the University of Vermont.



Richard C. Maloney, PE

Senior Principal | Discipline Leader

Mr. Maloney provides project management and structural engineering services to a wide variety of public and private clients, including government agencies and owners/operators of various facility types. His responsibilities include client relations, project management, and supervision of the preparation of designs and specifications for specialized projects such as civil/structural systems for buildings, bridges, tunnels, wastewater authorities, drainage facilities, utilities/ infrastructure, bulkheads, and docks. Additionally, he is responsible for the inter-discipline coordination of the architectural and mechanical/electrical/plumbing (MEP) aspects of projects. Mr. Maloney also performs field inspections, code compliance reviews, and is the structural inspector and expert witness for various public and

Municipal – Comprehensive Services

private clients throughout New Jersey. Mr. Maloney received a B.S. in Civil Engineering from Villanova University and an M.S. in Civil/Structural Engineering from the University of Notre Dame.



S. Maurice Rached, PE, PTOE

Regional Director | Traffic & Transportation Engineering

Mr. Rached is a Senior Principal and the Regional Director of Transportation Services for Colliers Engineering & Design with over 30 years of experience in the Transportation industry. Responsible for over 120 employees, he oversees five of the Firm's services: Transportation Planning, Traffic Engineering, Roadway/Highway Design, Inspections, and Bridges and Structures. This extensive experience has qualified him to provide expert witness testimony over 1,000 times before Courts, Planning/Zoning Boards, and Governing Bodies. Throughout his career, Mr. Rached has been involved with sustainable transportation, land-use planning, large scale projects, and international consulting. He has been retained by various governmental agencies in Cyprus, Iraq, and Ecuador to consult on transportation planning, urban planning, and sustainability. Mr. Rached serves as a member of the Advisory Board for Civil Engineering at NJIT. He currently lectures at NJIT and TCNJ.



Daniel N. Bloch, PP, AICP, EADA

Principal Associate | Regional Discipline Leader

Mr. Bloch has experience in municipal and private planning projects with an expertise in the use of Geographic Information Systems (GIS) in performing land use and development analysis. His planning experience includes municipal development reviews, natural/environmental resource inventories, master plans/master plan reexaminations, housing plans, plan endorsement petitions, projected land use (build-out) analyses and zoning/center boundaries delineation for municipalities throughout New Jersey. Mr. Bloch is a graduate of the State University of New York at Buffalo with a B.A. in Environmental Design & Urban Planning.



Glen J. Lloyd, PLS

Survey Services

Mr. Lloyd, a Senior Principal of the firm, is a licensed Professional Land Surveyor in the states of New Jersey and New York, with over 35 years of experience, and serves as Survey Operations Manager. He manages the daily operations in three regional offices for a team of over 35 employees. Mr. Lloyd also serves as the Quality Control Officer and Discipline Safety Coordinator for Colliers Engineering & Design's Survey Division, which focuses on process improvement and education of our technical staff. Mr. Lloyd has supervised the collection and process of large tract surveys from parcels of 2,000 acres to parcels smaller than an acre. He has introduced and implemented data collection systems and techniques to improve productivity and overall quality of survey deliverables. His field teams have performed the collection of data using descriptor codes and descriptor files, have set primary and secondary control traverse to be used in the collection of data or for the monitoring of structures and used first order digital levels to perform precise level runs for high accuracy control networks. Mr. Lloyd received an A.A.S. in Forestry from Paul Smith's College.



Robert L. Zelley, PG, LSRP

Environmental Engineering

Mr. Zelley is a hydrogeologist with over 34 years of experience in environmental and groundwater resources services, not only in the public and private sectors, but also throughout the country and in the Middle East. This experience includes groundwater resource development, remediation technology, Brownfields redevelopment, and litigation support services. His environmental experience includes environmental hydrogeologic evaluations, site assessments, contaminant investigations, and corrective action programs at major industrial and commercial facilities throughout New Jersey. He also has extensive experience with litigation support regarding contamination cost recovery and has provided expert testimony in over 40 cases as an environmental hydrogeologist in New Jersey Superior Court in Hudson, Morris, and Passaic Counties. Additionally, Mr. Zelley has assisted many municipalities with environmental issues and master plan revisions with respect to groundwater quality/quantity in conjunction with the assessment of carrying capacity for zoning criteria and environmental assessment for Green Acres presentation. He earned a B.S. in Geoscience from Pennsylvania State University.



Raymond Walker, PhD, PWS

Senior Principal | Division Director for Geo-Environmental Services

Dr. Walker has been a proven leader and effective project manager in the field of natural resources since 1980. Dr. Walker brings a creative approach to securing regulatory approvals for a broad range of private, municipal, and public development projects that involve complex and challenging ecological issues. Having worked in academia, for regulatory agencies, and as a private consultant, Dr. Walker developed a unique understanding and perspective on what it takes to secure regulatory approvals. Dr. Walker's scientific background coupled with his regulatory experience, open mindedness, and temperate manner has made him very effective at mediating resolutions to wetland enforcement actions. Dr. Walker has been certified as an expert in the field of ecological sciences and regulatory issues in a variety of legal venues including Federal District Court, Local Courts, and the Office of Administrative Law Courts, and numerous Planning and Zoning Boards. His expertise includes diligence investigations, wetland delineations, threatened and endangered species studies, preparation of Environmental Impact Statements, preparation of NEPA and SEQRA compliance documents, development and implementation of wetland mitigation projects, submerged aquatic vegetation studies, flora and fauna inventories, rare plant studies, lake restoration and management, essential fish habitat studies, carbon foot printing, environmental resource inventories, natural resource management, and regulatory issues. He has a B.S. in Environmental Biology from Manhattan College and a Ph.D. in Ecology (Wetland Ecology) from Rutgers University.



Jordan Volk, PE, PMP

Principal Associate/ Southeast Regional Manager Water Wastewater

Mr. Volk has over 20 years of experience in the potable water and wastewater engineering fields, including project management, design, investigation, preparation of plans and specifications, permitting, and construction administration and observation for water and wastewater infrastructure. Specific projects have included water treatment plants, water pump stations, water distribution mains, water storage tanks, supply wells, and chemical feed stations. He also has experience in hydraulic modeling, site feasibility studies,

Municipal – Comprehensive Services

water system valuations, strategic planning, and asset management practices. Mr. Volk's wastewater experience includes the design of wastewater pumping stations, as well as new sanitary sewers and the rehabilitation of existing sanitary sewers. He also has experience in large scale stormwater resiliency and mitigation projects. Mr. Volk earned his B.S. in Mechanical Engineering from Lehigh University.



Gerald DeFelicis, Jr., LLA, RLA, PP

Senior Project Manager | Landscape Architecture

Mr. DeFelicis has over 35 years of varied experience within the fields of landscape architecture and planning. His expertise lies in educational and recreational design, and he is fully versed in the management and design of projects, including site analysis, conceptual and final design, design development, construction document preparation, and project site supervision. His work includes the coordination, design, and overall management of recreation facility projects and the provision of landscape architectural services in the Philadelphia and Southern New Jersey region. He has been instrumental in the creation and development of many stormwater management design initiatives within the City of Philadelphia. By combining his landscape architectural background with his many years of experience in urban landscape design, construction, and engineering-related fields, Mr. DeFelicis has been able to provide innovations that are both practical and capable of implementation on a broad scale. He has a B.S. in Landscape Architectural and Environmental Planning from Rutgers University.



Suzanne M. Zitzman, GISP

GIS & Mapping Services

Ms. Zitzman has over 30 years of extensive GIS/GPS project management, design, and mapping experience in the planning and civil engineering fields. Her skills include various aspects of utilizing web-based geographic information systems involving zoning maps, tax maps, land development analysis, environmental features mapping, land use planning, and infrastructure management. Her experience includes training of in-house and client staff in ESRI ArcGIS, and Autodesk products. She has been a keynote speaker on GIS technology applications at various state level conferences and received a national recognition award for her achievements in implementing web-based GIS management and public communication portal programs for local government. Ms. Zitzman previously held the private sector NJ State GIS Council seat providing GIS assistance in the startup of the states GIS program, NJGIN. She received an A.A.S. in Applied Science from Brookdale Community College.

Section 4

Experience

Governmental Services

Committed to providing high quality, cost-effective services to our federal, state & local communities.

Colliers Engineering & Design provides a full range of professional engineering and consulting services to assist municipalities, authorities, counties, and state agencies. We help public clients meet their diverse planning and infrastructure improvement goals, while balancing growth with land optimization and natural resource preservation. Our experience with the grant application process; knowledge of the permitting process; and established professional relationships with various regulators, enables us to keep projects in motion and on schedule.

We have served in positions that include Municipal Engineer, Municipal Planner, Planning/Zoning Board Engineer, Special Projects Engineer, Environmental Consultant, and GIS Specialist. Our professionals have the expertise to provide services for infrastructure improvements; design for parks, open space, and downtown revitalization initiatives; GIS/GPS design; and oversight of the construction process to ensure your project is a success.



- Roadway Improvements
- Bridges & Structures
- Traffic Signals
- Underground Utilities
- Stormwater Collection
- Stormwater Management
- Underground Storage Tanks
- Parks & Recreation Facilities
- Architectural Services
- Downtown Revitalization & Redevelopment
- Master Plan & Zoning Ordinance Reviews & Updates
- Tax Assessment Map Revisions
- Geographic Information Systems (GIS)
- Grant Applications
- Permitting
- Construction Observation & Administration
- Wastewater Collection & Treatment Facilities
- Water Distribution, Supply, Storage & Treatment Facilities



New Jersey Current Municipal Positions

County	Municipality	Position	Term
Atlantic	Absecon City	Planning Board Engineer	1999 - Present
	Hammononton Town	Alternate Town Engineer	2025 - Present
	Somers Point City	COAH Consultant	2018 - Present
Bergen	Demarest Borough	Borough Engineer	2017 - Present
		Planning Board Engineer	2021 - Present
		Zoning Board Engineer	2018 - Present
		Borough Planner	2015 - Present
		Affordable Housing Planner	2024 - Present
		Planning Board Planner	2023 - Present
		Zoning Board Planner	2025 - Present
	Edgewater Borough	Planning Board Engineer	2024 - Present
		Zoning Board Engineer	2024 - Present
	Englewood Cliffs Borough	Borough Planner	2025 - Present
		Planning Board Engineer	2016 - Present
		Planning Board Planner	2016 - Present
	Haworth Borough	Borough Engineer	2025 - Present
	Hillsdale Borough	Borough Engineer	2022 - Present
	Mahwah Township	Township Planner	2011 - Present
	Montvale Borough	Borough Engineer	2008 - Present
		Planning Board Engineer	2008 - Present
		Borough Planner	2015 - Present
		Planning Board Planner	2023 - Present
	Park Ridge Borough	Planning Board Planner	2021 - Present
		Zoning Board Planner	2022 - Present
	Ridgefield Borough	Borough Engineer	2017 - Present
	Rochelle Park	Township Engineer	2025 - Present
		Certified Flood Plain Manager	2025 - Present
	Saddle Brook Township	Township Planner	2015 - Present
	Tenafly Borough	Borough Engineer	2011 - Present
	Upper Saddle River Borough	Borough Engineer	2025 - Present
Burlington	Fieldsboro Borough	Borough Engineer	2013 - Present
		Planning Board Engineer	2013 - Present

New Jersey Current Municipal Positions

County	Municipality	Position	Term
Camden	Berlin Borough	Planning Board Engineer	2010 - Present
Cape May	Sea Isle City	City Engineer	1993 - Present
		Planning Board Engineer	1991 - Present
		Zoning Board Engineer	1991 - Present
Essex	Belleville Township	Township Engineer	1991 - Present
		Township Surveyor	2024 - Present
		Planning Board & Zoning Board Engineer	1991 - Present
		Water & Sewer Operator	2002 - Present
	Roseland Borough	Professional Planner	2010 - Present
		Professional Planner for COAH	2023 - Present
		Planning Board Planner	2010 - Present
	West Caldwell Township	Township Engineer	2015 - Present
		Planning/Zoning Board Engineer	2015 - Present
		Township Planner	2015 - Present
		Planning/Zoning Board Planner	2017 - Present
Gloucester	Mantua Township	Township Planner	2017 - Present
	Monroe Township	Township Planner	2024 - Present
		Zoning Board Engineer & Planner	2003 - Present
		Planning Board Engineer	2022 - Present
	Pitman Borough	Borough Conflict Engineer	2025 - Present
		Borough Planner	2023 - Present
		Combined Planning/Zoning Board Engineer	2023 - Present
		Combined Planning/Zoning Board Planner	2023 - Present
Hunterdon	Bloomsbury Borough	Borough Engineer	2009 - Present
		Land Use Board Engineer	2009 - Present
	Delaware Township	Township Engineer	2009 - Present
		Traffic Engineer	2023 - Present
		Planning Board Planner	2012 - Present
		Hydrogeologist	2023 - Present
	Franklin Township	Land Use Engineer	2019 - Present
		Township Planner	2014 - Present
		Land Use Board Planner	2014 - Present
	Frenchtown Borough	Borough Engineer	2012 - Present
		Borough Planner	2018 - Present
		Land Use Board Planner	2018 - Present

New Jersey Current Municipal Positions

County	Municipality	Position	Term
Middlesex	Hampton Borough	Township Engineer	2008 - Present
	High Bridge Borough	Borough Engineer	2016 - Present
		Land Use Board Engineer	2023 - Present
		Borough Planner	2007 - Present
		Land Use Board Planner	2007 - Present
	Holland Township	Township Engineer	2011 - Present
		Land Use Board Conflict Engineer	2025 - Present
		Township Planner	2018 - Present
		Land Use Board Planner	2018 - Present
		Highlands Council Planner	2017 - Present
	Stockton Borough	Borough Engineer	2024 - Present
		Planning Board Engineer	2024 - Present
	Tewksbury Township	Land Use Board Engineer	2002 - Present
		Township Planner	2018 - Present
		Land Use Board Planner	2018 - Present
	West Amwell Township	Township Engineer	2011 - Present
		Land Use Board Engineer	2012 - Present
	Metuchen Borough	Borough Engineer	2013 - Present
		Planning Board & Zoning Board Engineer	2013 - Present
		Environmental Services/LSRP	2025 - Present
		Civil Engineer - Water Wastewater	2023 - Present
		Sewer Operator	2016 - Present
	Middlesex Borough	Borough Engineer	2020 - Present
		Land Use Board Engineer	2022 - Present
		C-3 Operator	2023 - Present
	Perth Amboy Redevelopment Agency	Engineering Services	2005 - Present
		Redevelopment Planner	2023 - Present
Monmouth	Highlands Borough	Municipal Engineer	2024 - Present
	Long Branch City	Zoning Board Conflict Planner	2014 - Present
	Long Branch Sewerage Authority	Authority Consulting Engineer	1992 - Present
	Manasquan Borough	Borough Engineer	2014 - Present
	Middletown Township Sewerage Authority	Authority Engineer	2002 - Present
	Oceanport Borough	Borough Engineer	2007 - Present
		Planning Board Engineer	2007 - Present
		Planning Board Planner	2007 - Present

New Jersey Current Municipal Positions

County	Municipality	Position	Term
Morris	Shrewsbury Township	Township Engineer	1984 - Present
	Western Monmouth Utilities	Authority Engineer	2023 - Present
	East Hanover Township	Township Engineer	2013 - Present
		Water/Sewer Engineer	2013 - Present
		Township Planner	2014 - Present
		Land Use Board Planner	2014 - Present
	Mine Hill Township	Township Engineer	2000 - Present
		Planning Board Engineer	2002 - Present
		Township Planner	2010 - Present
		Planning Board Planner	2010 - Present
	Montville Township	Planning Board Engineer	2024 - Present
		Zoning Board Engineer	2024 - Present
	Pequannock Township	Planning Board Engineer	2019 - Present
		Zoning Board Engineer	2019 - Present
Ocean	Riverdale Borough	Redevelopment Planner	2023 - Present
	Bay Head Borough	Planning Board Engineer	2002 - Present
	Berkeley Township BOE	Referendum Engineer	2025 - Present
	Manchester Township	Planning Board Conflict Engineer	2023 - Present
		Professional Planner	2024 - Present
		Planning Board Planner	2024 - Present
Passaic	Ocean Gate Borough	Municipal Engineer	2023 - Present
	Point Pleasant Beach Borough	Borough Planner/COAH Planner	2020 - Present
	Clifton City	Redevelopment Planner	2024 - Present
	Pompton Lakes Borough	Planning Board Engineer	2014 - Present
		Zoning Board of Adjustment Engineer	2014 - Present
		Borough Planner	2015 - Present
		Planning Board Planner	2014 - Present
		Zoning Board of Adjustment Planner	2014 - Present
		Redevelopment Agency Planner & Engineer	2014 - Present
	Woodland Park Borough	Municipal Planner	2020 - Present
		Planning Board Planner	2020 - Present
		Board of Adjustment Planner	2020 - Present

New Jersey Current Municipal Positions

County	Municipality	Position	Term
Somerset	Bound Brook Borough	Municipal Engineer	2025 - Present
		Grant Writer	2025 - Present
	Bridgewater Township	Township Engineer	2020 - Present
		Planning Board Engineer	2020 - Present
		Zoning Board Engineer	2020 - Present
		Affordable Housing Planner	2024 - Present
	Green Brook Township	Township Engineer	1995 - Present
		Land Use Board Engineer	2025 - Present
		Affordable Housing Planner	2024 - Present
		Land Use Board Planner	2025 - Present
Union	Cranford Township	Township Engineer	2019 - Present
		Planning Board Engineer	2020 - Present
		Zoning Board Engineer	2020 - Present
		Township Planner	2024 - Present
		Planning Board Planner	2018 - Present
		Affordable Housing Planner	2024 - Present
	New Providence Borough	Borough Engineer	2006 - Present
		Planning Board Engineer	2006 - Present
		Zoning Board Engineer	2006 - Present
	Plainfield BOE	Engineering Services	2025 - Present
	Roselle Borough	Borough Engineer	2009 - Present
		Borough Planner	2025 - Present
	Roselle Park Borough	Borough Engineer	2025 - Present
		Joint Land Use Board Engineer	2022 - Present
	Summit City	Planning Board Engineer	2006 - Present
		Zoning Board Engineer	2006 - Present
	Union Township	Municipal Engineer	2015 - Present
		Planning Board Engineer	2015 - Present
		Zoning Board Engineer	2015 - Present
		Redevelopment Planner	2025 - Present
Warren	Belvidere Town	Town Engineer	1992 - Present
		Planning Board Engineer	1992 - Present
		Township Planner	2025 - Present
		Planning Board Planner	1992 - Present
	Frelinghuysen Township	Township Engineer	2005 - Present
		Land Use Board Planner	2005 - Present

New Jersey Current Municipal Positions

County	Municipality	Position	Term
	Hackettstown Town	Town Engineer	1991 - Present
		Land Use Board Engineer	1991 - Present
		Town Planner	1991 - Present
		Land Use Board Planner	2022 - Present
	Knowlton Borough	Land Use Board Planner	2010 - Present
	Lopatcong Township	Township Engineer	2001 - Present
		Township Planner	2025 - Present
		Planning Board Engineer	2002 - Present
		Zoning Board Engineer	2001 - Present
		Planning Board Planner	2025 - Present
		Zoning Board Planner	2025 - Present
	Mansfield Township	Land Use Board Planner/Township Planner	2001 - Present
	White Township	Township Engineer	2003 - Present
		Planning Board Engineer	2004 - Present
		Zoning Board Engineer	2020 - Present
		Township Planner	2006 - Present
		Planning Board Planner	2006 - Present
		Zoning Board Planner	2006 - Present

Experience

Colliers Engineering & Design has been providing engineering, planning, and consulting services to municipalities in Morris County and to the County itself since 1998. Our client services include, but are not limited to:

- Municipal Planning
- Water System Engineering
- Boundary & Topographic Survey
- Construction Inspection
- Tax Map Maintenance
- Highway/Roadway Improvements
- Preparation of Funding for Infrastructure
- Improvement Applications
- Development Reviews
- Stormwater Management & MS4 Compliance
- GIS & Asset Management
- Sports & Recreation Engineering

Below are select examples of our project experience:

Town of Boonton

High School Athletic Field

Boonton High School Athletic Field required a comprehensive design that would accommodate a multi-use synthetic turf field, an eight-lane synthetic track surface, the construction of new bleachers, a press box, and re-aiming the existing field lighting. In total, approximately 80,000 SF of synthetic turf and 60,000 SF of synthetic track surface were designed. Civil engineering services for the project involved project management; planning; development of conceptual design and utility relocations; as well as development of site plans including grading; stormwater drainage; soil erosion; and sediment control. Permits were required for soil erosion and sediment control. This field is permanently lined for football, soccer and field hockey. In 2012 Boonton High School Athletic Field was voted best turf field in Morris County in a Daily Record online poll.

Borough of Chatham

Sanitary Sewer Lining

Provided the design and inspection and helped secure the loans for this project that entailed the lining of approximate 20,000 LF of clay sanitary sewer pipes that had been compromised over time to allow inflow and infiltration into the system which resulted in high cost to the Borough. This economical system is implemented between manholes, saving the high cost of digging. The process included the cleaning of pipes and then lines them with a thin line of epoxy impregnated liner that seals them, keeping out unwanted groundwater and enhances flow characteristics. This project was funded using the NJEIT trust fund/loan program.

Morris County Municipality Projects

Memorial Park & Pool Complex

This award-winning project consisted of the complete renovation of an actively-used pool and recreational complex. Unique funding for this project included taxpayer dollars; contributions; volunteerism; and reuse materials that maximized cost savings. Design services for these renovations included the complete pool refurbishment; decking; ADA accessibility; a new kiddie pool with sprinkler features; redesign of two softball fields with shared outfields and overlap for soccer, field hockey, and lacrosse; improved drainage; a new fencing, dugout, and backstop; basketball court; new playground equipment; extensive landscaping; parking; and the construction of a rain garden.

Town of Dover

Municipal Planning

Colliers Engineering & Design's planning staff have been involved with the Town of Dover for many years, beginning with the redevelopment investigation and redevelopment plan and subsequent amendments for the North Sussex Street Landfill Site over 15 years ago, to the Bassett Highway Redevelopment Plan around 2006, to the more recent RFP for Redevelopers for the Downtown, which has led to designated redevelopers for four public parking lots, two of which have final site plan approval for a mixed use redevelopment project with internalized parking. Colliers Engineering & Design provided the planning review of that site plan and also prepared the redevelopment investigation report for those sites and several others in 2014 that resulted in the adoption by the Town of the "Downtown Scattered Sites Redevelopment Plan" prior to the execution of a redevelopment agreement and the site plan approval by the Planning Board in 2015. Also in 2015, Colliers Engineering & Design's planners prepared the Town's Affordable Housing Plan in response to court mandates and deadlines. In 2016, Colliers Engineering & Design's planners assisted the Town in the process of transit-oriented redevelopment of its commuter parking lots near the Dover Train Station in the Downtown.

Water System Engineering

Colliers Engineering & Design has been serving the Dover Water Commission for several years as the appointed firm. Our consulting services have included representation at Commission meetings, monthly reports, quarterly calculations of the water supply firm capacity, review of water allocation requests and land development plans for compliance with the commission's rules and regulation. We have provided engineering design from water main replacement, valve chamber improvements and air stripping tower blower and damper replacement projects.

Stormwater Management & MS4 Compliance

Provided training for staff and assists the Town of Dover with the annual NJDEP Stormwater Permit compliance for the municipal separate storm sewer system (MS4).

Survey Services

Provided the Town of Dover with boundary surveys, topographical surveys and FEMA Elevation Certificate calculations.

Morris County Municipality Projects

Township of East Hanover

Township Planner

In our role as Township Planner, Colliers Engineering & Design has prepared a new digital zoning map to reflect over a decade of zoning amendments. We continue to assist with the ongoing affordable housing litigation and have prepared Vacant Land Adjustment to reduce the Township's affordable housing obligation. We continue to attend case management meetings and mediation sessions. We have also prepared application review letters on behalf of the combined Land Use Board for site plans, subdivisions and "D" variance applications.

COAH Tracking and Monitoring

Prepared the 2013 and 2014 COAH tracking and monitoring for the affordable units in the Township. This process uncovered units the Township was unaware of and generated more affordable credits to be applied against the Township's obligation.

Land Use Ordinances

Crafted land use ordinances to assist residents and business owners. Specifically, prepared an ordinance with specific lighting standards to protect residences adjacent to commercial areas. Prepared an ordinance to expand the list of permitted uses in the Township's industrial areas. Prepared an ordinance to permit second floor additions over existing first floor as-of-right, even if a yard setback is triggered.

Mendham Township

High School Athletic Field

Provided the planning, site design, expert testimony, and engineering services associated with two multi-use synthetic turf fields totaling 162,500 SF of turf. One of the fields was built as a result of this project. The project involved development of plans, including grading, stormwater management, drainage, soil erosion, and sediment control. Permits were required for soil erosion and sediment control. This multi-use field is permanently lined for football and men's lacrosse. In addition, control markers have been set for soccer, women's lacrosse, and field hockey.

Replacement of Tingley Road Bridge

Provided professional engineering services for the replacement of the Tingley Road Bridge over a tributary of the Whippany River. The existing bridge was a single span comprised of multi-steel stringers supported on stone masonry and concrete abutments with a 37-ft clear span. The new bridge consists of prestressed concrete box beams supported on cast-in-place abutments and finished with a natural stone facing. The bridge is 45 ft long and 40 ft wide. A special bridge railing was designed to recreate the historic character of the original bridge railing and was subject to approval by the State Historic Preservation Office.

Morris County Municipality Projects

Mine Hill Township

Randolph Avenue Sidewalk Improvements

This project included the installation of new sidewalks and curbing along approximately one mile of a highly-traveled road that formerly had no sidewalks. This new walkway network facilitated pedestrian access to the Canfield Avenue School; extended additional pedestrian access to the municipal complex; and was designed within the roadway's existing shoulder so as to have a minimal effect on residential properties. NJDOT Municipal Aid and Federal Safe Routes to Schools funding were utilized to fund this project, and the construction was coordinated with the County. Services provided included sidewalk design, stormwater management, drainage, concrete curbing, and ADA compliant ramps.

Iron Mountain Road Improvements

Assisted the Township in the procurement of three grants from the municipal aid portion of the NJDOT Transportation Trust Fund to improve the roadway in multiple phases. Prepared engineering plans and contract documents for the improvement. Observed and administered the construction of improvements.

Canfield Avenue/East Randolph Avenue Sidewalk Improvements

Assisted the Township in the procurement of a Safe Routes to School Grant for the construction of sidewalks and other improvements. Prepared plans and contract documents for the improvements and procured permits.

Highlands Plan Conformance

Assisted the Township in the procurement of \$65,000 in grant monies to prepare an initial assessment study and perform plan conformance work. Prepared initial assessment study and conducted work to address Modules 1-3 in the Highlands Plan Conformance process including the preparation of a Housing Element and Fair Share Plan.

Stormwater Structure Field Location and Mapping

Provided professional engineering services to prepare GIS datasets of the stormwater structures (approximately 600 structures) that were integrated into the existing National Geomatica web site.

Colligan Lane Sanitary Sewer Project

Prepared plans and contract documents for the extension of sanitary sewers on Colligan Lane. Observed and administered the construction of improvements.

Hurd Street Improvements

Prepared engineering plans, procured permits, and prepared easement acquisition documents for the reconstruction of the last 2000 ± foot segment of Hurd Street including stormwater management, storm sewer, roadway, curb, driveway and restoration improvements. Observed and administered construction of the improvements.

Morris County Municipality Projects

Randall Avenue Improvements

Assisted the Township in the procurement of grants from the municipal aid portion of the NJDOT Transportation Trust Fund for multi-phase improvements to Randall Avenue. Prepared engineering plans and contract documents for the improvements and observed and administered construction.

Green Road Improvements

Assisted the Township in the procurement of a \$150,000 grant from the municipal aid portion of the NJDOT Transportation Trust Fund. Prepared engineering design plans and contract documents for the improvement of Green Road adjacent to the municipal beach including curbs, sidewalks, driveways, storm sewers, and pavement improvements and observed and administered construction.

Hurd Street/Indian Falls Road Improvements

Provided construction observation and administration services for the construction of 5,700 LF of water main and appurtenances and the reconstruction of portions of Indian Falls Road and Hurd Street, including curbs, storm sewers, and pavement.

Township of Roxbury

High School Athletic Field

Provided planning, site design, and construction management services for the installation of this 95,000 SF, multi-use synthetic turf field. Services for the project involved the development of plans including grading, stormwater management, drainage and soil erosion, and sediment control. Colliers Engineering & Design also performed the construction management services for the duration of the project. Permits were required for soil erosion and sediment control. The field is permanently lined for football, soccer, field hockey, men's lacrosse, and women's lacrosse.

Section 5

Services

Civil & Site Engineering

From single buildings to large sites, we provide complete civil & site development services for all your project needs.

Colliers Engineering & Design engages with our clients as a strategic partner providing complete civil and site engineering services to both public and private clients. Our designs include residential, commercial, retail, financial, educational, recreational, restaurant, healthcare, landfill, energy, industrial, warehouse, mission critical and governmental. We begin with comprehensive site feasibility evaluations as part of the due diligence process to identify potential pitfalls and implement strategies to overcome them, and we have extensive experience in traditional development as well as mixed use, redevelopment, urban and brownfield projects.

We capitalize on our robust in-house capabilities and experience during the land planning and entitlement process, minimizing the need for future plan changes and delays. We have an outstanding track record of highlighting the benefits of each project with dynamic presentations to regulatory bodies and agencies to substantiate the basis for approvals and allay the concerns of an often wary public.



- Due Diligence Consulting
- Land Use Planning
- Land Surveying/GPS
- Site & Subdivision Design
- LEED Accredited Staff
- Landscape /Lighting Plans
- Stormwater Management
- Hydrologic & Hydraulic Studies
- Regulatory Permitting
- Hydrogeologic Analysis & Design
- Environmental Services
- Cultural Resource Management
- Traffic Impact Analysis
- Highway Improvements
- Water/Wastewater Engineering
- Geotechnical Studies
- Construction Stake-Out



Construction Engineering & Inspection

Providing complete construction observation & inspection services.

Our professionals successfully oversee project construction from pre-construction through finalization with an outstanding track record for cost and schedule containment. Our professional licensed engineers and NICET certified construction staff have extensive on-the-job experience in supervision, observation, safety review and inspection with ongoing training that ensures required daily schedules are adhered to and all materials are procured and constructed according to plans and specifications.

This experience includes heavy highway, single and multi-span bridges, intersection and traffic signal improvements, marine improvements, railroad upgrades, water/ wastewater transmission, and park and recreation construction. We also have extensive experience in end-to-end transmission and distribution facilities, switching stations and substations, outage management.



- Scoping & Feasibility Studies
- Cost Estimation & Scheduling
- Condition Assessment & Asset Inventory
- Project Documentation
- Submittal & Design Review
- Critical Path Method (CPM)
- Construction Plan Analysis
- Construction Risk Identification & Avoidance
- Field Inspection
- Utility Relocation Coordination & Support
- Change Order & Field Conflict Resolution
- Quality Control
- Field Material Testing
- Resident Engineering
- Owner's Representation
- Expert Witness Testimony
- Safety Review
- Community Outreach
- Emergency Response



Engineering
& Design

Dam Engineering

Providing full-service support to dams and waterway structures across the nation in both the public & private sectors.

Colliers Engineering & Design engineering professionals have extensive experience in providing all services relating to dam inspection and rehabilitation. We are well-versed in geotechnical condition evaluation; engineering analysis; design and construction administration; and hazard classification services for dams. Our professionals also prepare Operations and Maintenance Manuals (O&MM) and Emergency Action plans (EAP) for all types of dams.

Our professionals have an in-depth knowledge of Dam Safety Standards that set forth procedures for applications to construct, repair, modify, maintain, and inspect dams. Our thorough comprehension of the applicable building and design codes, permitting, and regulatory process necessary to comply with these standards ensures a successful project. We have working relationships with local, county, state, and federal agencies that are critical to maintaining the integrity of a project while keeping it to schedule and budget.



- Dam Inspections
- Safety & Integrity Evaluations
- Topographic Surveys
- Hydrologic Evaluations
- Emergency Action Plans Preparation
- Hazard Classifications
- Flood Routings & Breach
- Spillway Design
- Geotechnical Investigations
- Stability Analysis
- Seepage Analysis
- Underwater Inspection
- Structural Evaluations & Repair
- Design Drawing Preparation
- Specifications Preparation
- Construction Management
- Regulatory Permitting
- O&MM Preparation
- EAP Preparation



Engineering
& Design

Environmental Services

Delivering innovative solutions to environmental challenges through technology & expertise.

Our environmental experts provide effective site remediation and redevelopment solutions. We offer these services to a variety of private, commercial and governmental clients. Our professionals possess a keen understanding of the regulatory, technical and financial aspects of projects, and are accustomed to working closely with legal, fiduciary and institutional specialists to the benefit of our clients.

Our project team members are selected according to the unique needs of our clients, and are drawn from our in-house geologists, engineers, environmental scientists and geophysicists. In addition to remediation, our project managers possess decades of experience in permitting, water-resource management, wetlands and ecological studies, grants and funding, and litigation support.



- Brownfield Redevelopment
- Vapor Intrusion Investigations
- Regulatory Compliance, Audits & Permitting
- Groundwater Resource Development
- Hydrogeologic Studies
- NJ ISRA (and similar laws) Compliance
- Environmental Impact Studies
- Phase I & II Environmental Site Assessments
- Asbestos & Lead-Based Paint Surveys
- Response Planning & Risk Management
- Surface Water & Sediment Studies
- Air Quality Assessments
- Noise Studies
- Geologic Hazards Evaluations
- Expert Support
- Licensed Site Remediation Professionals – NJ/LSRPs



Engineering
& Design

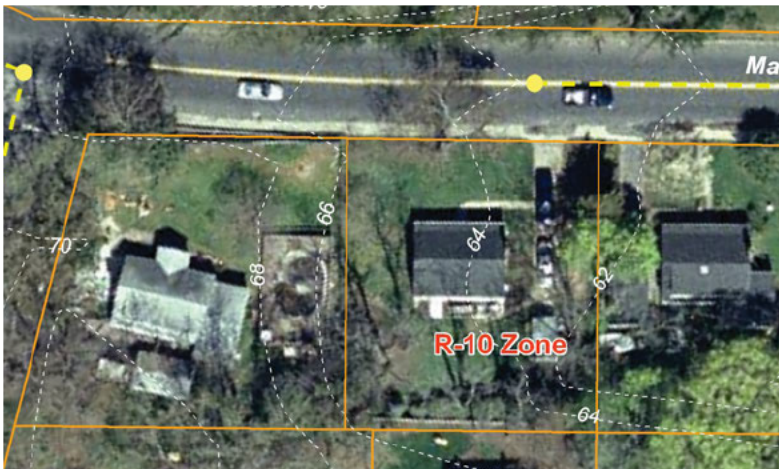
GIS Asset Management

Managing your assets and facilities accurately in real-time.

Geographic Information System (GIS) management services provide our clients with a comprehensive platform to map and manage their assets across departments, locations, facilities, and business units. Managing your assets and facilities using GIS technology will improve your organization's resource utilization and performance, reduce capital costs, reduce asset-related operating costs, extend asset life, and subsequently improve return on assets.

Our certified GIS professionals (GISPs) provide GIS start-up services to clients by offering GIS needs assessments and implementation planning. By walking our clients through the development, implementation and training process, we deliver a feature-rich GIS platform configured to meet their needs. We utilize state-of-the-art methods for data collection, data modeling, mapping, asset inventory, and condition assessment.

Our clients benefit from GIS by saving time and improving workflows and business processes while improving communication with customers and the community through intuitive and easy-to-use web maps and applications, story maps, public surveys and service request options.



- GIS Needs Assessments
- GIS Program Implementation Planning
- GPS/GNSS Data Collection
- Mobile Field Applications
- Storymaps
- Public & Secure Web-Based Mapping Portals
- Enterprise Architecture
- Service Request & Work Order Applications
- Land Base Mapping
- Utility Mapping
- Environmental Mapping
- Suitable Site Analysis
- Property Record Mapping
- Database Integration
- Document Management
- Web-Based Asset Management Applications
- GIS & GPS Training



Engineering
& Design

Grants & Funding Services

Providing resources & expertise to help communities obtain and administer grants and other funding programs.

Our grant professionals have the expertise necessary to assist your municipality in shaping its future by obtaining the funding necessary for turning community visions into reality. Our experience encompasses the research, procurement and administration of grants for all types of projects.

We have procured and administered a range of grant types, including State Clean Water & Drinking Water Revolving Funds; Transportation Alternatives Programs; Community Development Block Grants; State Transportation Funding; Hazard Mitigation Assistance; Open Space, Recreation & Conservation Programs; Coastal Resiliency; Disaster Recovery Programs; Congestion Mitigation & Air Quality Improvement Programs; Emergency Services Funding; and Historic Preservation Programs.

In particular, our team's experience with Federal programs is invaluable to ensuring your project's compliance with all requirements, including environmental reviews, labor standards compliance, prevailing wage, reporting and recordkeeping.



- State & County Open Space & Recreation Grants
- EPA Clean Water State Revolving Fund
- EPA Drinking Water State Revolving Fund
- State Environmental Water Quality Improvement Programs
- MPO Highway Safety Improvement Program (HSIP) Local Safety Grants
- State DOT Grants
- FHWA Safe Routes to Schools
- FHWA Transportation Alternatives Program (TAP)
- HUD Community Development Block Grant (CDBG) & CDBG-Disaster Recovery (CDBG-DR)
- FEMA Flood Mitigation Assistance (FMA)
- FEMA Hazard Mitigation Grant Program (HMGP)
- USFWS National Boating Infrastructure Grant (NBIG)
- Federal Energy Efficiency and Conservation Block Grant
- State Planning Assistance Grants



Engineering
& Design

Highway Design

We design safe and effective transportation projects that enhance the infrastructure of our communities.

Our highway design professionals undertake projects ranging in all sizes and complexities, providing conceptual planning, preliminary design reports, and preparing contract documents. We assist with the design and construction of improvements from state and interstate highways to municipal and county roadway networks. We develop alternative improvement plans to balance project costs with other factors including environmental, safety, operations, multi-modal accommodations, utility, and property impacts.

Our experts have completed projects in both urban and rural settings, ranging from multi-million-dollar interchange and corridor enhancements to minor geometric upgrades. Through our vast and experienced knowledge of agency requirements and permit processes, we successfully bring projects to construction for our clients.



- Alignment Studies & Conceptual Design
- Highway & Roadway Design
- Intersection & Roundabout Design
- Divergent Diamond Interchanges (DDI)
- Ramp & Complex Interchange Design
- Traffic Signs, Markings & Sign Panel Design
- Roadway Safety Audits & Operational Safety Upgrades
- Maintenance & Protection of Traffic Work Zone Traffic Control
- Utility Accommodation & Relocations
- Roadway Drainage & Stormwater Management
- Roadway Jurisdictional Maps Accelerating



Engineering
& Design

Land Survey & Measurement

Precision surveying providing accurate and reliable results.

Colliers Engineering & Design's survey professionals have the expertise to achieve highly accurate results while maintaining quality control. Whether the project calls for conventional surveying methods, cutting-edge geospatial scanning techniques or a combination of both, our professionally licensed land surveyors, highly-trained office technicians and field crews work seamlessly together to provide responsive and consistent professional survey services. Implementing this comprehensive approach for each project ensures our clients are receiving precision surveying and measurement services.

Our surveyors perform topographic and boundary surveys, construction stake-out and as-built surveys for existing and new residential and commercial properties. Our capabilities also include the use of hi-definition laser scanners enabling our professionals to quickly capture collect data from a multitude of sources including complex facilities, buildings, bridges, structures, and roadways.



- ALTA/NSPS Land Title Surveys
- Topographic & Boundary Surveys
- Construction Stake-Outs
- Site Remediation Surveys
- Highway Route Surveys
- GPS Surveying
- GIS Mapping
- State Compliant Tax Map Services
- As-Built Surveys/Construction Records
- 3D Hi-Definition Laser Scanning
- Hydrographic, Flood Elevation, Riparian & Wetlands Surveys
- Pipeline & Utility ROW Surveying
- Deformation and Displacement Monitoring Surveys
- Aerial Photo Control Surveys for Mapping
- Subsurface Utility Location & Ground Penetrating Radar
- Boundary Resolution Assistance
- On-Call Traffic Accident Surveys



Landscape Architecture

We recognize the fundamental relationship between a community and its landscape.

Our team of licensed and registered landscape architects and LEED accredited professionals provides a multi-disciplined approach to each project. With strategies that complement the public project environment, our professionals are experienced in all facets of landscape design, bidding document preparation and construction administration.

We routinely collaborate with architects, planners and other team members to specify amenities, plant materials and hardscape features to create the appropriate aesthetic balance between the requirements of the project and the natural environment. Our barrier-free designs incorporate features that enable everyone to participate in the spaces we create.



- Landscape Concept & Site Planning
- LEED & Sustainable Design
- Streetscape & Urban Design
- Active/Passive Park & Recreation Design
- Athletic Facility & Site Lighting Design
- Playground Inspection & Design
- Vegetation Inventories, Analysis & Maintenance Plans
- DEP Licensed Tree Experts
- Barrier-Free Compliance Review & Design
- Aquatic Facility Design
- Litigation Support
- Licensed Irrigation Design Professionals
- Construction Observation & Administration

Materials Testing Laboratory

Accurate, efficient testing solutions to ensure the overall quality of your construction materials.

Our Testing Laboratory provides a full range of construction and engineering material testing services consisting of geotechnical (soil/rock), aggregate, concrete and asphalt. Our facility is accredited by AASHTO (Re:Source) and US Army Corp of Engineers to help clients meet all applicable building codes and project requirements with quality material testing provided in a timely, cost effective, and practical manner. We perform independent third-party construction inspection and material testing services to the construction industry.

Our capabilities include all major structural civil construction inspections and material testing including earthwork (soil), foundations (shallow/deep), reinforced concrete, concrete placement, structural masonry, structural steel, spray-applied fireproofing, and Exterior Insulation & Finish Systems (EIFS). Our engineering capabilities include full-service geotechnical engineering, engineering supervision and certification of construction activities, such as deep foundations, and overall compliance with project approved documents.



- Laboratory Control Curves (Proctors)
- Sieve Analysis & Hydrometer
- Classification (USCS, Burmister, USDA, AASHTO)
- Chemical Analysis (Sulphate, Chloride, pH)
- Moisture & Organic Content
- Atterberg Limits
- Specific Gravity, Resistivity, Triaxial (UC, UU, CU), CBR, Consolidation, Permeability, Compressive Strength, LA Abrasion, Chloride Content & Sand Equivalent
- Field Core Drilling
- Tensile Strength (Beams/ Cylinders)
- High Performance Concrete
- Windsor Probe
- Swiss (Rebound) Hammer
- Ferrosan
- Moisture Vapor Emission Rate Test
- Subgrade/Subbase Investigation
- NJDOT Local Aid Compliance Report (DS-8/S)



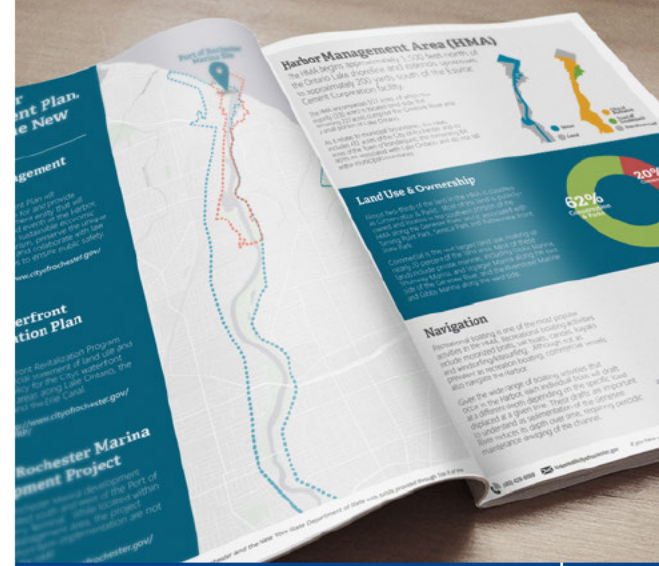
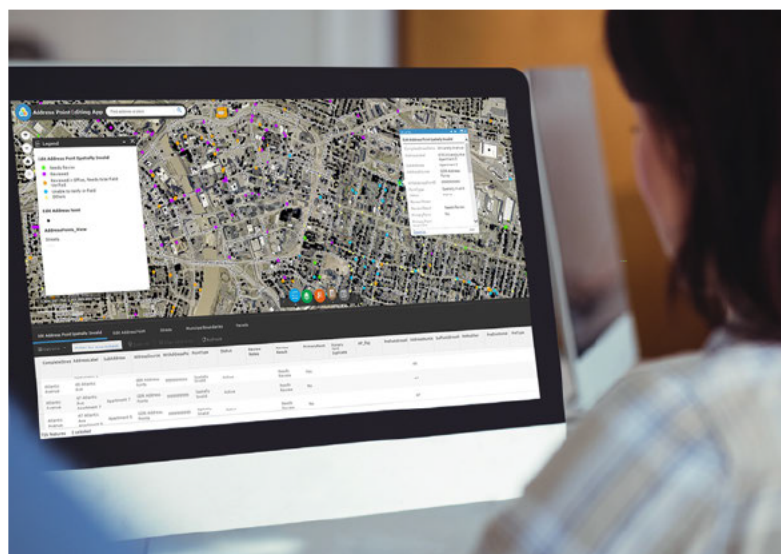
Engineering
& Design

Planning Services

Planning better, more sustainable communities through collaboration and design.

Our professional planners have the expertise and experience to address all aspects of municipal and regional planning and design. We analyze and evaluate existing resources and conditions to assist regional and local governments in the establishment of goals and objectives, and the development of strategic planning policies. These foundations are translated by our Professional Planners into action items, including master plans and zoning ordinances.

Utilizing a vast knowledge of planning standards, regulations, and innovative planning techniques, our Planning Team is uniquely positioned to service all municipal and regional planning needs.



- Community & Regional Comprehensive Master Plans
- Affordable Housing Plans
- Conservation Plans
- Form Based Codes
- Community Visioning & Public Outreach
- Recreation & Open Space Master Plans
- Redevelopment Area Studies & Plans
- Community Revitalization Plans
- Development Application Planning & Zoning Board Review
- Eminent Domain Litigation
- Grant Applications/Writing
- Ordinance Updates
- Litigation Support
- GIS Mapping & Analysis
- Sustainable Economic Development Plans
- Resilience and Adaptation Plans



Sports & Recreational Services

Accurate & efficient solutions using expertise & advanced technology.

Our firm is uniquely outfitted to improve recreational spaces through creative designs that are sensitive to the environment and effectively optimize the use of available land. Our services include the design and/or re-design of open space including sport complexes, natural turf fields, synthetic turf fields, associated sports lighting, water splash parks, nature trails, playgrounds, and grant application services to help off-set costs so you can achieve your goals.

Comprised of engineers, planners, landscape architects, and environmental scientists, our professional design team believes that every project deserves an individualistic approach. Their goal is to keep project costs in-line and maintain the balance between man and nature, while providing the kind of optimal accessibility and usage to recreational open space that delivers a social value that enhances the quality of life.



- Recreation Master Plans
- Conceptual Park Planning
- Municipal & Urban Park Design
- ADA Accessibility
- Athletic Field & Court Design
- Playground Design
- Playground Safety Inspections
- Aquatic Facilities
- Golf Amenities
- Landscape & Lighting Design
- Athletic Field Sports Lighting
- Grant & Funding Assistance

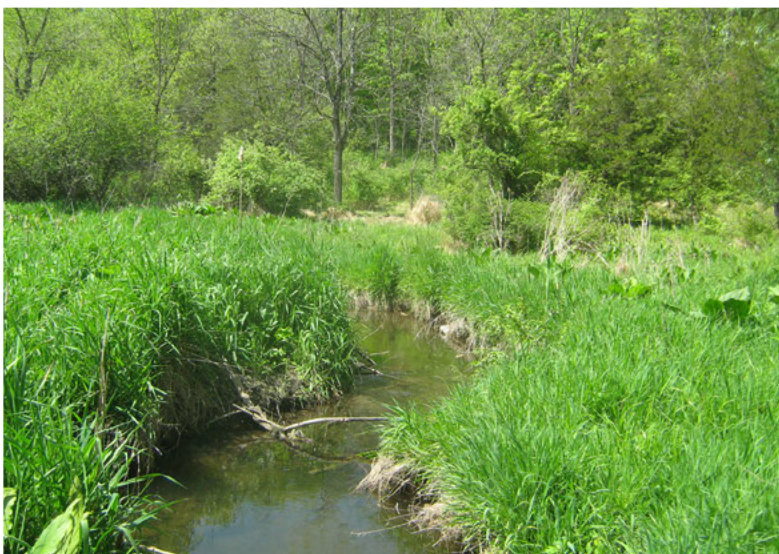


Regulatory Compliance & Permitting

Expediting your project with commitment & expertise.

We have the expertise to guide our clients through the many regulations pertaining to the development of ecologically constrained sites. We specialize in assisting clients to navigate the complex and ever-changing maze of regulations that exist at federal, state and local levels.

Our experienced staff consists of Professional Wetland Scientists, Environmental Specialists, Remediation Specialists, Registered Environmental Managers, Certified Environmental Planners and USFWS List of Recognized Qualified Indiana Bat and Bog Turtle Surveyors, experts with Doctorate and Masters degrees in environmental planning and ecology. Our professionals are committed to securing regulatory approvals in a timely and cost-effective manner.



- NEPA Compliance
- US Army Corps of Engineers (Sections 10, 404 & 408)
- Federal Energy Regulatory Commission
- Section 401 of the Clean Water Act
- State isolated/non-401/404 Wetlands & Waterbodies
- Wetland Assessment Methods (WAM) & Stream Assessment Methods (SAM)
- Headwater & Qualitative Habitat Index Assessments
- Riparian Zone Protection & Mitigation
- State-level Environmental Impact Assessments (SEQRA/SEPA) & Permitting
- Erosion & Sediment Control
- Stormwater Pollution Prevention Plans (SWPPP)
- Coastal Permitting
- Threatened & Endangered Species Monitoring, Permitting & Mitigation Planning
- Agricultural Land Notice of Intent Applications & Monitoring



Engineering
& Design

Stormwater Management

Our engineers, scientists and planners are building a more sustainable world through design.

Our professionals have extensive experience in providing all aspects of stormwater management to the public and private sectors. Our specialists work closely with all related disciplines including hydrologic, hydraulic, dam engineering, ecological, and environmental services to ensure that a responsible balance between the preservation of natural resources at a project site, the needs of the client, and regulatory requirements are maintained for the duration of the project.

Our professionals maintain established working relationships with local, county, state, and federal agencies, and have an in-depth, working knowledge of the regulatory processes and that is critical to keeping projects to schedule and budget.



- Stormwater Management Design
- Hydrologic & Hydraulic Computer Modeling
- Floodplain Delineation
- Dam Break Analysis
- Dam & Spillway Design
- Collection System Design
- Regulatory Permitting
- Soil Erosion Control Design
- Stormwater Quality Design
- Stream Modeling & Studies
- Irrigation Pond Design
- Best Management Practices
- Stream Stabilization
- Flooding Investigations & Mitigation Studies
- Culvert Design
- Pond & Lake Restoration



Engineering
& Design

Structural Engineering

Our engineers will ensure your project meets today's safety standards and your functional requirements.

Our structural engineers collaborate with clients to design new structures and evaluate the integrity of their existing structures to rehabilitate them or design new ones. Colliers Engineering & Design's reputation for providing engineering excellence, while exceeding client expectations, has made us a leader in providing creative solutions for new and existing buildings associated with public, private, commercial, and institutional markets. Our engineers have the knowledge and experience to design projects constructed of steel, timber, reinforced concrete or masonry.

Streamlined coordination with other in-house services has facilitated an efficient approach and complete engineering package that spans all phases of structural design and construction. This includes feasibility studies, scope and condition assessment, code compliance review, static/dynamic load analyses, drawing preparation, bidding services, and construction administration.



- Structural Evaluation, Analysis & Design
- Rehabilitation, Repair & Restoration
- Structural Inspection & Condition Assessments
- Code Compliance Review
- Forensic Engineering/Failure Analysis
- Structural Project Planning & Scope Assessment
- Design Review/Value Engineering
- Owner Representation
- BIM & 3D Computer Modeling
- Storm Damage Assessment & Repair Design
- Construction Support & Inspection



Engineering
& Design

Traffic Engineering & ITS

Providing safe & efficient solutions to maintain proper traffic flow.

Our vision is to deliver technologically advanced traffic engineering solutions to provide safer and more efficient transportation systems for our communities. Our traffic engineering and Intelligent Transportation Systems (ITS) professionals provide an essential component that complements our transportation planning and highway design services. Our expertise includes concept development, planning and design, performing feasibility studies traffic improvements and transportation systems management and operations support for large and small projects.

Our in-depth knowledge of the regulatory process and our established working relationships with various local, county, state, and federal agencies facilitate successful project completion. Our experts help connect communities with the surrounding environment through effective design.



- Traffic Signal Design & Operations
- Traffic Signal Warrant Analyses, Design & Estimates
- Responsive Traffic Signal Design
- Intersection & Highway Lighting
- ITS Design & Systems Engineering
- Sustainable Transportation & Complete Streets Projects
- Transportation Safety Improvement Projects, Audits & Analysis
- Traffic Operations Center Development, Management, & Staffing
- Bicycle Accommodations & Signals
- ADA Curb Ramp Design & Pedestrian Accessibility
- Railroad Crossing Safety Audits & Improvements
- Transportation Asset Inventories & Management
- Permanent Signing & Pavement Marking Projects
- Complex Traffic Control & Construction Staging



Water/Wastewater Engineering

Providing communities with safe, consistent, water and wastewater distribution, collection, and treatment.

Water and wastewater management presents unique challenges from environmental, health and economic issues, to regulatory concerns. Our water management experts comprehend these complexities and apply their expertise in all areas of feasibility, design and master planning taking into consideration the value of water as a precious natural resource. Our qualified professionals develop creative and effective solutions for any water management project and are dedicated to ensuring that communities are provided with safe, consistent, water and wastewater distribution, collection, and treatment.

We employ the latest technological advances and regulatory updates that are essential for proper ongoing water management and paramount to the successful daily management, future growth, and overall wellbeing of our surrounding communities.



- Asset Management & Master Planning
- Capital Improvements & System Maintenance Planning
- Design of Public & Private Water and Wastewater Facilities
- Design of Pumping & Meter Facilities
- Design of Sewer Collection & Water Distribution Systems
- Inflow/Infiltration Studies
- Distribution System Modeling
- Regulatory Permitting & Compliance
- Construction Inspection & Administration
- Sludge Management & Disposal
- Hydrogeologic Investigations
- Grants & Funding Assessments
- User Rate Studies
- Environmental Assessments
- Subsurface Soil Investigations
- Structural Design



Engineering
& Design

Section 6

Rates

Town of Boonton, Morris County, New Jersey
Rates are effective July 1, 2025, through December 31, 2025

Technical Staff Rates

Billing Titles	Hourly Rates
Technical Director	190.00
Project Manager	185.00
Senior Project Specialist	175.00
Project Specialist	170.00
Technical Professional	165.00
Technical Specialist	160.00
Specialist	155.00
Senior Data Technician	150.00
Senior Technical Assistant	145.00
Technical Assistant	135.00
Data/Field Technician	125.00
Survey Crew – 1 Person w/Robotic Equipment	190.00
Additional Survey Crew Member	80.00
SUE Crew (designating) – 1 Person	155.00
Additional (designating) Member	80.00
SUE Crew (locating) – 2 Person	210.00
Additional (locating) Member	80.00
Expert Witness	425.00
Sr. LSRP (NJ Only)	320.00
LSRP (NJ Only)	275.00

Reimbursable Expenses

General Expenses	Cost + 20%
Travel (Hotel, Airfare, Meals)	Cost + 20%
Sub-Consultants/Sub-Contractors	Cost + 20%
Plotting	4.50 / Each
Computer Mylars / Color Plots	100.00 / Each
Photocopies	0.19 / Each
Color Photocopies	2.05 / Each
Document Binding	4.05 / Each
Portable Media	100.00 / Each
Exhibit Lamination (24" x 36" or larger)	90.00 / Each
Initial Digital Signature	300.00
Additional Digital Signatures	75.00 / Each
Mileage Reimbursement*	0.625 / Per Mile
	Field Vehicle 0.70 / Per Mile

*Mileage reimbursement subject to change based upon IRS standard mileage rate.

Section 7

Certificates



STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE

Taxpayer Name:	COLLIERS ENGINEERING & DESIGN, INC.
Trade Name:	MASER CONSULTING
Address:	101 CRAWFORDS CORNER ROAD, STE 3400 HOLMDEL, NJ 07733
Certificate Number:	0099895
Effective Date:	October 15, 1985
Date of Issuance:	May 22, 2025

For Office Use Only:
20250522093346181

[Return](#)

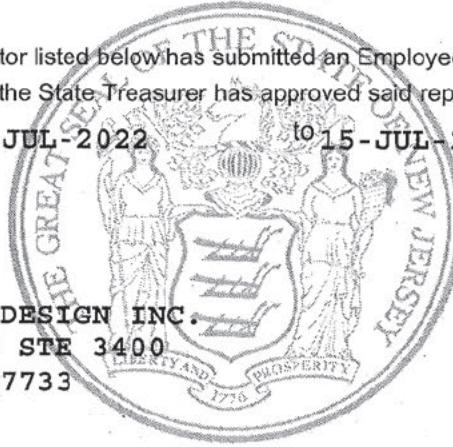
CERTIFICATE OF EMPLOYEE INFORMATION REPORT**RENEWAL**

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et. seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of

15-JUL-2022

to 15-JUL-2025

COLLIERS ENGINEERING & DESIGN INC.
101 CRAWFORDS CORNER RD STE 3400
HOLMDEL NJ 07733



Elizabeth Maher Muoio

ELIZABETH MAHER MUOIO
 State Treasurer

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE
 N.J.S.A. 10:5-31 et seq. (P.L. 1975, c. 127) N.J.A.C. 17:27 et seq.

GOODS, GENERAL SERVICE AND PROFESSIONAL SERVICES CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

Letter of Federal Affirmative Action Plan Approval;

Certificate of Employee Information Report; or

Employee Information Report Form AA302 (electronically provided by the Division and distributed to the public agency through the Division's website at http://www.state.nj.us/treasury/contract_compliance).

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Purchase and Property, CCAU, EEO Monitoring Program as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Purchase and Property, CCAU, EEO Monitoring Program for conducting a compliance investigation pursuant to N.J.A.C. 17:27-1 et seq.

Vendor Signature: _____

Date: 12/05/2023

**Request for Taxpayer
Identification Number and Certification**

Go to www.irs.gov/FormW9 for instructions and the latest information.

Give form to the
requester. Do not
send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) Colliers Engineering & Design, Inc.		
	2 Business name/disregarded entity name, if different from above.		
	3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. ☐ Individual/sole proprietor ☒ C corporation ☐ S corporation ☐ Partnership ☐ Trust/estate ☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. ☐ Other (see instructions) _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____ (Applies to accounts maintained outside the United States.)	
	3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions ☐		
	5 Address (number, street, and apt. or suite no.). See instructions. 101 Crawfords Corner Road, Suite 3400	Requester's name and address (optional)	
6 City, state, and ZIP code Holmdel, NJ 07733			
7 List account number(s) here (optional)			

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number	
or	
Employer identification number	

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person <i>Michelle Lyons</i>
------------------	---

Date 2025

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they



NEW JERSEY DIVISION OF CONSUMER AFFAIRS



License Information

Accurate as of June 04, 2025 8:50 AM

[Return to Search Results](#)

Name: COLLIERS ENGINEERING & DESIGN, INC. DBA MASER CONSULTING

Address: Holmdel, NJ

Profession/License Type: Engineers & Land Surveyors, Certificate of Authorization

License No: 24GA27986500

License Status: Active

Status Change Reason: Board Employee Request

Issue Date: 7/22/2002

Expiration Date: 8/31/2026

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6460

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Prof. Engineers & Land Surveyors

HAS LICENSED

COLLIERS ENGINEERING & DESIGN, INC. DBA MASER CONSULTING
LEONARDO E PONZIO
331 Newman Springs Rd.
Suite 203
Red Bank NJ 07701

FOR PRACTICE IN NEW JERSEY AS A(N): Certificate of Authorization

Eng, Land Surv & Building Design Svc

08/27/2024 TO 08/31/2026

VALID

24GA27986500

LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

ACTING DIRECTOR

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
Board of Prof. Engineers & Land Surveyors
HAS LICENSED
COLLIERS ENGINEERING & DESIGN, INC. DBA MASER CONSULTING
Certificate of Authorization
Eng, Land Surv & Building Design Svc

08/27/2024 TO 08/31/2026

VALID

24GA27986500

License/Registration/Certificate #

SIGNATURE

Carli Zain
ACTING DIRECTOR

PLEASE DETACH HERE

IF YOUR LICENSE/REGISTRATION/
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:

Board of Prof. Engineers & Land Surveyors
P.O. Box 45015
Newark, NJ 07101

PLEASE DETACH HERE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/18/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Marsh & McLennan Agency LLC 250 Pehle Avenue, Suite 400 Saddle Brook NJ 07663	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: jennifer.juarez@marshmma.com	FAX (A/C, No):
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: National Union Fire Ins Co PittsburghPA		19445
INSURER B: Travelers Property Casualty Co of Amer		25674
INSURER C: New Hampshire Insurance Company		23841
INSURER D: Navigators Insurance Company		42307
INSURER E:		
INSURER F:		

COVERAGES

CERTIFICATE NUMBER: 1302756798

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ Contractual Liab ☒ XCU GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC OTHER:			9925559	3/1/2025	3/1/2026	EACH OCCURRENCE \$ 5,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 5,000,000 GENERAL AGGREGATE \$ 10,000,000 PRODUCTS - COMP/OP AGG \$ 10,000,000 \$
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ONLY ☒ NON-OWNED AUTOS ONLY			4773685	3/1/2025	3/1/2026	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☒ RETENTION \$ 0			CUP1T66744425NF	3/1/2025	3/1/2026	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N ☒ N	N/A	66656736	3/1/2025	3/1/2026	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Excess Liability			NY25MXEZ07LHXIV	3/1/2025	3/1/2026	\$15,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Evidence of Insurance

CERTIFICATE HOLDER**CANCELLATION**

Colliers Engineering & Design Inc
101 Crawfords Corner Rd
Suite 3400
Holmdel NJ 07733

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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*NAMED INSURED INCLUDE:

Colliers Engineering & Design, Architecture, Landscape Architecture, Surveying CT P.C.

Colliers Engineering & Design/Maser Consulting Inc.

Colliers Land Services, LLC

Colliers Engineering & Design CT, P.C.

CED Architecture Inc.

Phase Zero Design Corp.



COLLIER-01

MMCFARLANE

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/19/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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PRODUCER Ames & Gough 859 Willard Street Suite 320 Quincy, MA 02169	CONTACT NAME:	
	PHONE (A/C, No, Ext): (617) 328-6555 FAX (A/C, No): (617) 328-6888	
	E-MAIL ADDRESS: boston@amesgough.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Berkshire Hathaway Specialty Insurance Company (A++XV)	22276
INSURED Colliers Engineering & Design, Inc. 101 Crawfords Corner, Suite 3400 Holmdel, NJ 07733	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY						
	☐ CLAIMS-MADE ☐ OCCUR						EACH OCCURRENCE \$
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$
							MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
							PRODUCTS - COMP/OP AGG \$
							\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	☐ ANY AUTO OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per person) \$
	☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
	UMBRELLA LIAB ☐ OCCUR						EACH OCCURRENCE \$
	EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE \$
	☐ DED ☐ RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ☐ Y / N						PER STATUTE ☐ OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) ☐ N / A						E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$
A	Professional Liab.			47EPP32691803	2/25/2025	2/25/2026	Per Claim Limit 2,000,000
A				47EPP32691803	2/25/2025	2/25/2026	Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

*NAMED INSURED(S) INCLUDE:

Colliers Engineering & Design, Architecture, Landscape Architecture, Surveying CT P.C.; Colliers Engineering & Design/Maser Consulting Inc.; Colliers Land Services, LLC.; CED Architecture, Inc.; Colliers Engineering & Design CT, P.C., Phase Zero Design Corp.

Evidence of Insurance

CERTIFICATE HOLDER

CANCELLATION

Evidence of Insurance

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

gared maxwell



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