

**PLEASE EXECUTE THIS FORM
AND SUBMIT AS COVER PAGE
WITH THE RFP PACKAGE**

Colliers Engineering & Design, Inc. 101 Crawfords Corner Road, Suite 3400, Holmdel, NJ 07733

Company Name	Mailing address	
Jordan Volk, PE, PMP	jordan.volk@collierseng.com	732 704 5408
Primary contact	Email	Telephone

www.colliersengineering.com

Website

	POSITION	Check which service(s) you are applying for	Total "Not to exceed" 2026 contract amount	Hourly Rate/ Flat Rate
1	Township Attorney/Labor Counsel	N/B		
2	Conflict Township Attorney/Labor Counsel	N/B		
3	Water/Sewer Attorney	N/B		
4	Conflict Water/Sewer Attorney	N/B		
5	Township and Water/Sewer Utility Pool Engineer	✓		\$210.00/hr <small>Please see Section 5 of our Qualifications Statement for our full schedule of hourly rates.</small>
6	Township Planner	N/B		
7	Township Auditor (Includes Water/Sewer Utility)	N/B		
8	Affordable Housing Administrative Agent	N/B		
9	Township Bond Counsel	N/B		

	POSITION	Check which service(s) you are applying for	Total "Not to exceed" 2026 contract amount	Hourly Rate/ Flat Rate
10	Township Appraiser	N/B		
11	Prosecutor	N/B		
12	Conflict Prosecutor	N/B		
13	Public Defender	N/B		
14	Conflict Public Defender	N/B		
15	Planning Board Attorney	N/B		
16	Conflict Planning Board Attorney	N/B		
17	Planning Board Engineer/Professional Planner	N/B		
18	Conflict Planning Board Engineer	N/B		
19	Zoning Board Attorney	N/B		
20	Conflict Zoning Board Attorney	N/B		
21	Zoning Board Engineer/Professional Planner	N/B		
22	Conflict Zoning Board Engineer	N/B		
23	Financial Advisor	N/B		

	POSITION	Check which service(s) you are applying for	Total "Not to exceed" 2026 contract amount	Hourly Rate/ Flat Rate
24	Animal Control Services	N/B		
25	Tax Map Maintenance	N/B		
26	Storm Water GIS Mapping	N/B Bid submitted in a separate Qualifications package.		
27	Potable Water & Sanitary Sewer GIS Mapping	N/B Bid submitted in a separate Qualifications package.		
28	Grant Writer	N/B Bid submitted in a separate Qualifications package.		



Engineering
& Design

Prepared For
Township of Barnegat

2026 Professional Services
Township and Water/Sewer Utility Pool Engineer

November 21, 2025
Proposal No. 25014200P
101 Crawford's Corner Road, Suite 3400
Holmdel, New Jersey 07733

101 Crawfords Corner Road, Suite 3400
Holmdel, New Jersey 07733
Main: 877 627 3772



November 21, 2025

ATTN: Municipal Clerk
Township of Barnegat
Township Clerk's Office, Township Hall
900 West Bay Avenue
Barnegat, NJ 08005

Requests for Proposals
2026 Professional Services – Township and Water/Sewer Utility Pool Engineer
Colliers Engineering & Design Project No. 25014200P

Dear Municipal Clerk,

Colliers Engineering & Design, Inc. is pleased to submit three (3) original hard copies and one (1) digital CD copy of our Proposal for the Township of Barnegat Township and Water/Sewer Utility Pool Engineer. Our submission provides an overview of the staff, technical expertise, and the municipal, water and sewer experience of the firm. Colliers Engineering & Design has been providing water and wastewater treatment and collection system planning, design, construction administration, and inspection services to municipalities, utility authorities, private utilities, and private industry since 1984.

I, Jordan Volk, PE, PMP, will serve as the Project Manager for this engagement. It is our goal to provide the Township of Barnegat with the utmost level of professional services. As you will see in our Proposal, we have the experience and qualified staff necessary to ensure that projects are completed on time and within budget.

Thank you for your consideration. We look forward to working with you. If there are any questions or you require further information, please feel free to contact me at 732 704 5408 or via email at jordan.volk@collierseng.com.

Sincerely,

Colliers Engineering & Design, Inc.

A handwritten signature in blue ink, appearing to read "Jordan Volk".

Jordan Volk, PE, PMP
Principal Associate | Regional Manager | Water/Wastewater

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SECTION 1

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 water and wastewater engineering, CED offers services that also include feasibility studies, asset management, strategic planning, surveying, GIS, permitting assistance, grants and funding, facility needs assessments, structural engineering, and construction management and inspection. 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), Certified Municipal Engineers (CME), and Certified Public Works Managers (CPWM), CED can provide any aspect of engineering services that you may need, from water and wastewater treatment and collection/distribution system planning, to design, construction administration, and inspection 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. Our project experience includes wastewater treatment plants (equipment replacement and plant expansion), wastewater pumping stations, sanitary sewers (new and rehabilitation), water treatment plants, supply wells, water storage tanks, lead service replacement, and chemical feed stations.

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

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 **41 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 has provided Water/Wastewater engineering evaluation, planning, design, and construction services to utility authorities, municipal water and sewer departments, educational facilities, and clients in the private sector. Our professionals understand the significance of ensuring that communities have consistently safe and reliable Water/Wastewater treatment, storage, and conveyance facilities.



- Valued services and expertise in Water/Wastewater engineering for over three decades
- Extensive expertise in evaluating existing facilities and planning new facilities, extensions, and upgrades
- In-depth knowledge of sanitary sewer collection systems, pumping stations, treatment facilities, sanitary sewer rehabilitation, potable water supply and treatment, transmission and distribution systems, water storage tanks, and irrigation systems
- Experienced municipal water/wastewater experts well-versed in the design and troubleshooting of biological and chemical treatment processes
- Proven experience with the latest technology, including computer modeling, to analyze multiple scenarios and component mixes for a community's needs
- More than 3,000 experienced professionals under one organization for a single source solution
- Responsive Project Managers who provide customized solutions to meet our clients' needs
- Knowledge and experience with critical local issues and state regulations

New Jersey Municipal Presence

Colliers Engineering & Design, established as Maser Consulting in 1984, has been delivering customized solutions to New Jersey clients for over four decades. Our deep-rooted experience and familiarity with our local municipalities is served through nine strategic offices to provide our clients with best-in-class services. Currently, the firm holds appointments in the 16 counties depicted below.

Current Appointments

Atlantic County

Absecon City
Hammonton Town
City of Somers Point

Bergen County

Demarest Borough
Edgewater Borough
Englewood Cliffs Borough
Haworth Borough
Hillsdale Borough
Mahwah Township
Montvale Borough
Park Ridge Borough
Ridgefield Borough
Rochelle Park
Saddle Brook Township
Tenafly Borough
Upper Saddle River Borough

Burlington County

Fieldsboro Borough

Camden County

Berlin Borough

Cape May County

Sea Isle City

Essex County

Belleville Township
Roseland Borough
West Caldwell Township

Gloucester County

Mantua Township
Monroe Township
Pitman Borough

Hunterdon County

Bloomsbury Borough
Delaware Township
Franklin Township
Frenchtown Borough
Hampton Borough
High Bridge Borough
Holland Township
Stockton Borough
Tewksbury Township
West Amwell Township

Middlesex County

Metuchen Borough
Middlesex Borough
Perth Amboy Redevelopment Agency

Monmouth County

Highlands Borough
Long Branch City
Manasquan Borough
Oceanport Borough
Shrewsbury Township

Morris County

East Hanover Township
Mine Hill Township
Montville Township
Pequannock Township
Riverdale Borough



Over 40 Years
of Serving Our
Public Clients



Over 70
Municipalities
in 16 Counties

Contact & Qualifications

Colliers Engineering & Design

Jordan Volk, PE, PMP
Principal Associate

Email: jordan.volk@collierseng.com

101 Crawfords Corner Road, Suite 3400
Holmdel, NJ 07733

Direct Line: 732 704 5408

Cell: 732 518 8655

Water/Wastewater Services

Water management provides unique challenges from environmental, health, and economic issues to regulatory concerns. Our experts comprehend these complexities, particularly the value of water as a precious natural resource, and apply their expertise in all areas of feasibility, design, and master planning. We have been providing water/wastewater engineering design and construction inspection services to municipal and regional utility authorities, sewer departments, private utilities, educational facilities, and private industry since 1984. We fully comprehend the significance of ensuring that communities have safe, consistent, and reliable water/wastewater treatment, distribution, and collection facilities and work with our clients in a partnership to meet these objectives. We employ the latest technological advances while providing a creative approach and effective solutions to water management projects of any size.

Services Provided

- Master Planning
- Planning & Design
- Wastewater Management Plan Amendments
- User Rate Studies
- Inflow/Infiltration Studies
- Regulatory Permitting & Compliance
- Water Allocation Permits
- Environmental Assessments
- Geotechnical/Soil Assessments
- Industrial Treatment
- Construction Administration & Inspection
- Operations & Maintenance Programs
- Rehabilitation of Existing Systems
- Structural Design
- Capital Budgets & Bonding Estimates
- Distribution System Modeling
- Hydrogeologic Investigations and Engineering
- Asset Management Plans

Firm must be multi-disciplined with at least eight (8) years of experience in all aspects of municipal, and water and sewer engineering.

Colliers Engineering & Design has been providing municipal and water and sewer engineering services for 40 years. Please see Section 1, 2 and 4 of this Qualifications Statement for full details.

The individual appointed or assigned by a Firm shall have been licensed as an engineer for a minimum of five (5) years and have at least five (5) years prior experience as a Municipal Engineer.

Mr. Volk, PE, PMP, Client Contact and Project Manager has over 20 years of experience in Municipal Water/Wastewater services. Please see Section 3 of this Qualifications Statement for the his resume and credentials of Mr. Volk as well as the work experience of additional staff available to assist the Township.

Three (3) References:

Township of Middletown Sewerage Authority

Paul Thomson, Executive Director/Engineer
100 Beverly Drive
Belford, NJ 07718
pthomson@tomsanj.com
732 495 1199

Long Branch Sewerage Authority

Thomas Roguski, Executive Director
150 Joline Avenue
Long Branch, NJ 07740
troguski@lbsa.net
732 222 0500

Brick Township Municipal Utilities Authority

Chris Theodos, PE, PP, CME, CPWM, CFM Executive Director
1551 Highway 88 West
Brick, NJ 08724
ctheodos@brickmua.com
732 458 7000

SECTION 3



Jordan R. Volk, PE, PMP

Principal Associate | Regional Manager | Wastewater/Water

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.

Mr. Volk also has experience in hydraulic modeling, site feasibility studies, water system valuations, strategic planning, and asset management practices. His 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.

Education

BS Mechanical Engineering,
Lehigh University, 2002

Professional Registrations

Professional Engineer (PE)
New Jersey, New York, North
Carolina, Texas, Connecticut,
Massachusetts, Florida

Project Management
Professional (PMP)

Affiliations & Memberships

New Jersey American Water
Works Association

New York Water Environment
Association

Software Skills

ArcGIS

AutoCAD

WaterGems

Key Projects

Wastewater Treatment Plant Evaluation and Capital Plan

Borough of Florham Park, Morris County, NJ

Preparation of a wastewater treatment plant upgrade evaluation, optimization and capital plan to account for future flow increases in the Borough.

235th Street Pump Station Reconstruction, New York City Department of Environmental Protection

Bronx Borough, New York City, NY

Project Manager for the planning and design of a 3.5 MGD combined sewer pump station with an estimated construction cost of \$20M.

Rebuild By Design - Living With the Bay, Governor's Office of Storm Recovery

Various Locations, Nassau County, NY

Project Manager for the design of four stormwater resiliency projects with an estimated construction cost of \$50M.

JFK Airport Floodgate Installation, Port Authority of New York and New Jersey

Queens Borough, New York City, NY

Project Manager for the planning and design of two separate projects with the goal of mitigating storm surge flooding at the airport with an estimated construction cost of over \$50M.

Holland Tunnel Prefabricated Storage Building, Port Authority of New York and New Jersey

Jersey City, Hudson County, NJ

Project Manager for the planning and design of a prefabricated storage building on the NJ side of the Holland Tunnel to store flood mitigation equipment.

Building 111 Mechanical and Electrical Resiliency, Port Authority of New York and New Jersey

Port Newark, Hudson County, NJ

Project Manager for the planning phase of a fire protection and potable water pump station to evaluate options for flood resiliency.

Port Newark Resident Engineer's Office, Port Authority of New York and New Jersey

Port Newark, Hudson County, NJ

Project Manager for the planning phase to evaluate options for a new flood resilient resident engineer office.

Long Beach Bulkhead Replacement

City of Long Beach, Nassau County, NY

Project Manager for the design of a new section of bulkhead along the north shore of Long Beach to provide storm surge resiliency.

Newark Avenue Bridge Water Main Replacement, Jersey City Municipal Utilities Authority

Jersey City, Hudson County, NJ

Project Manager for the design and permitting of the replacement of a 36-inch water main and bridge above an active Conrail railroad line.

Newark Avenue CIPP, Jersey City Municipal Utilities Authority

Jersey City, Hudson County, NJ

Project Manager for the design of rehabilitation of 4,000 LF of 6-inch, 8-inch, and 12-inch water mains using a structural cured-in-place pipe (CIPP) liner.

Sodium Permanganate Chemical Feed, Jersey City Municipal Utilities Authority

Jersey City, Hudson County, NJ

Project Manager for the design, permitting, and construction administration of the installation of a sodium permanganate chemical feed system at the JCMUA Water Treatment Plant.

Journal Square North Water Main Rehabilitation, Jersey City Municipal Utilities Authority

Jersey City, Hudson County, NJ

Project Manager for the design and permitting of rehabilitation and replacement of 20,000 LF of 6-inch and 8-inch water mains within the Journal Square North Ward. Prior to design, water main coupons were taken and analyzed to determine the condition of the existing water main and the best method of rehabilitation or replacement. The design included water main replacement, cleaning and cement mortar lining and structural cured-in-place pipe (CIPP) liner.

Emergency Water Main Relocation, Jersey City Municipal Utilities Authority

Jersey City, Hudson County, NJ

Project Manager for the design of solutions for existing water mains conflicts with existing brick sewers. Seven locations were found where existing cast iron water mains ran through the interior of brick sewers. Each location was evaluated, and the most cost-effective solution was designed. The final design consisted of structural cured-in-place pipe (CIPP) lining of the existing brick sewer, replacement of brick sewer with ductile iron pipe, relocation of water mains, or abandonment of the existing water main.

Hydraulic Modeling Assignments, Jersey City Municipal Utilities Authority

Jersey City, Hudson County, NJ

Performed hydraulic modeling of the water distribution system for various scenarios. Scenarios included potential developments and effects of main shutdowns.

Pulaski Highway Water Main Replacement, Jersey City Municipal Utilities Authority

Jersey City, Hudson County, NJ

Project Manager for the construction administration of water main replacement associated with the NJDOT rehabilitation along the Pulaski Highway and Route 139.

Twin Rivers Water Main Replacement, East Windsor Municipal Utilities Authority

East Windsor Township, Mercer County, NJ

Project Manager for the design of ductile iron water main replacement with HDPE in a residential neighborhood. HDPE was chosen due to the number of water main breaks in the area from corrosive soils.

Boonton Gravity Supply Project, Jersey City Municipal Utilities Authority

Jersey City, Hudson County, NJ

Project Engineer for the design, permitting, and construction administration of upgrades to the existing water treatment plant to allow gravity flow from the reservoir in lieu of pumping at the existing raw water pump station. Design included constructing an 84-inch diameter pipeline from the lower gate house directly to a new traveling screen and rapid mix chamber. The design also included upgrades to the existing chemical feed and SCADA system. Prepared New Jersey Environmental Infrastructure Trust (NJEIT) financing application.

Livingston Wells 3, 5, 4 & 8 Improvements

Township of Livingston, Essex County, NJ

Project Manager for the design, permitting, bid, and construction administration of upgrades to wells 3, 5, 4 and 8. The well 3/5 facility included the drilling of three new wells and process, electrical, and instrumentation upgrades to the treatment building. The well 4 and well 8 facilities included upgrades to the treatment process.

Livingston Interconnection Improvements

Township of Livingston, Essex County, NJ

Project Manager for the design, permitting, and construction administration of upgrades to three potable water interconnections with NJAW. Upgrades included flow control of interconnections as well as SCADA improvements.

Livingston NHBS Upgrade Project

Township of Livingston, Essex County, NJ

Project Manager for the design, permitting, and construction administration of upgrades to the North Hillside Booster Station (NHBS) and Tank SCADA, NHBS generator installation, East Orange Interconnection chamber improvements, and well 6 upgrades.

Livingston Wells 8, 9, and 12 Upgrade Project

Township of Livingston, Essex County, NJ

Project Manager for the design and permitting of upgrades to the well 8, well 9, and well 12 facility. The design included upgrades to the process, electrical, and instrumentation at each facility.

Bergen Lafayette Cleaning and Lining, Jersey City Municipal Utilities Authority

Jersey City, Hudson County, NJ

Project Engineer for the design, permitting, and construction administration of approximately 30,000 feet of cleaning and cement mortar lining and miscellaneous water main replacements. Design included the development of detailed plan drawings and specifications. Prepared New Jersey Environmental Infrastructure Trust (NJEIT) financing application.

Hamilton Tank Area Unidirectional Flushing Program, Trenton Water Works

City of Trenton, Mercer County, NJ

Development of a unidirectional flushing program using the Trenton Water Works hydraulic model. Maps and spreadsheets were prepared for operations staff to use during flushing program.

Middletown Unidirectional Flushing Program, NJAW

Middletown Township, Monmouth County, NJ

Development of a unidirectional flushing program using the hydraulic model. Maps and spreadsheets were prepared for operations staff to use during flushing program.

Key Staff



Anthony LaRosa, PE, CME

[Principal | Northeast Regional Manager | Water/Wastewater](#)

Mr. LaRosa has over three decades of experience with complex public water systems including the City of Philadelphia Water Department's infrastructure. He specializes in potable water distribution and transmission main design, combined and separate sewer collection systems, as well as green stormwater infrastructure (GSI) design.

Additional experience includes roadway design and rehabilitation, flood relief projects, parks and recreation improvements, water treatment plants, water supply wells, and sewage pump stations. Specific projects have included engineering and consulting services for: stormwater relief tunnels, in-situ sanitary sewer rehabilitation, replacement of large diameter raw and potable water transmission main flow meters, potable water distribution lines, and CSO chamber upgrades and intercepting sewer pipe replacement. Mr. LaRosa earned a B.E. in Civil Engineering and a B.E in Architectural Engineering from Drexel University.

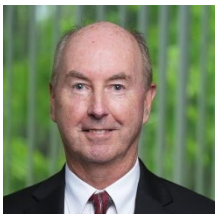


Ronald B. Madison, PE

[Principal Associate | Geographic Discipline Leader | Governmental Services](#)

Mr. Madison has three decades of civil and environmental engineering experience managing municipal, private, commercial, and industrial projects including conceptual planning and design for new projects, as well as overseeing engineering phases including municipal permitting and approvals, construction, and facility start-

up. He has extensive experience managing all aspects of capital improvements projects, as well as all aspects of municipal reviews and public projects. Mr. Madison also provides engineering consultation and support to numerous utility authorities, private industry, and residential, commercial, and industrial land developers, and has provided representation for public meetings as liaison between general public, developers, and government agencies. Mr. Madison's expertise includes the design of utility systems including water distribution and wastewater collection and conveyance systems, and water and wastewater treatment facilities. He manages Act 537 sewage facility plan updates for municipalities, and his stormwater management experience includes BMP facilities and Act 167 stormwater modeling for infiltration, detention, and retention, as well as HEC-RAS floodplain analysis and E&S control planning. Mr. Madison earned a B.S. in Civil Engineering, an M.S. in Civil/Environmental Engineering, and an M.B.A., all from Lehigh University.



John J. McKelvey, PE

[Associate | Senior Project Manager | Water/Wastewater](#)

Mr. McKelvey has 36 years of experience in the water and wastewater engineering field. His responsibilities include managing and planning projects, preparation of plans and specifications, permit applications, contract administration, and oversight of construction inspection. He has extensive experience in design of sewer and water

utility projects, pump stations, and wastewater treatment plant upgrades. He also has experience with infiltration/inflow evaluations including flow metering, physical investigation, and preparation of rehabilitation plans and has been involved in the design of numerous infiltration/inflow evaluation and rehabilitation projects. Mr. McKelvey earned a B.S. degree in Civil Engineering from the University of Notre Dame.



James F. McGoldrick, PE

Senior Technical Manager | [Water/Wastewater](#)

Mr. McGoldrick is an industry veteran with over three decades of extensive experience in the preparation of studies and reports, and the design, permitting, public bidding and construction administration services within multiple disciplines of wastewater engineering. His depth of expertise includes feasibility studies, conceptual design layout, preliminary and final design, cost estimation, environmental permitting, emergency and public bidding, and construction observation / management. He is well-versed in all aspects of sanitary sewer rehabilitation, repair, replacement technologies as well as various types of sanitary, storm, combined sewer and natural gas linear design and construction. Mr. McGoldrick has joined the firm to serve as a technical specialist for the firm's wastewater design and construction projects, and his current responsibilities include project and work task scheduling, technical review of studies, reports, plans and specifications, quality assurance, and quality control.

Key Staff



William H. R. White, III, PE, PP, CME, CPWM, CFM

[Principal](#) | [Department Manager](#) | [Stormwater Management](#)

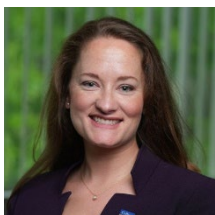
Mr. White is a Certified Floodplain Manager and Certified Municipal Engineer with over 37 years of extensive experience in all aspects of civil engineering with a concentration in hydrology and hydraulics. Mr. White has performed analysis of large watersheds, floodplains, dams, stormwater management facilities, bridges, and culverts. He is thoroughly familiar with NJDEP and Soil Conservation District requirements, and his experience also includes the design of roadway improvements; utility and recreational projects; stormwater management facilities; preparation of grant applications; and preparation of plans and specifications for capital improvement projects. Mr. White has performed analysis of large watersheds, floodplains, dams, storm water management facilities, bridges, and culverts. Mr. White earned his B.S. in Civil Engineering from Rutgers University.



Paul Nolan, PE, CPWM

[Senior Principal](#) | [National Discipline Leader](#) | [Construction Engineering & Inspection](#)

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 A. Howard

[Principal Associate](#) | [Senior Grant Manager](#) | [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 sharrows 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.

Municipal – Comprehensive Services



Richard C. Maloney, PE

[Senior Principal](#) | [Discipline Leader](#) | [Bridges & Structures](#)

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 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

[Senior Principal](#) | [Director of Transportation Services](#)

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](#) | [Planning Services](#)

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

[Senior Principal](#) | [National Discipline Leader](#) | [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 40 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

Municipal – Comprehensive Services

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. Zelle, PG, LSRP

[Senior Principal](#) | [Regional Manager](#) | [Environmental Services](#)

Mr. Zelle is a hydrogeologist with over 40 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. Zelle 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.



Joseph P. Layton

[Principal Associate](#) | [Discipline Leader](#) | [Natural Resources](#)

Mr. Layton is an Environmental Scientist with over 24 years of experience including an extensive background and expertise in environmental sciences. His expertise includes an emphasis on wetland delineation, regulatory permitting and compliance, environmental assessment, environmental impact analysis, and soil evaluation. His diversified experience also includes natural resource evaluations, ecological research, watershed management, subsurface explorations, underground storage tank exploration and removal, soil classification systems, and environmental sampling design and protocol in accordance with State and Federal regulations. He utilizes Geographic Information Systems (GIS) and Global Positioning Systems (GPS) in environmental sampling and studies, including site remediation design and sampling, groundwater and surface water quality monitoring and management, and lake rehabilitation and restoration. He has a BS in Environmental Planning and Natural Resource Management from Rutgers University, Cook College.



Jordan Volk, PE, PMP

[Principal Associate](#) | [Regional Manager](#) | [Wastewater/Water](#)

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

Municipal – Comprehensive Services

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, 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.



Christopher R. Gammons, LLA, RLA, ASLA

[Principal Associate](#) | [Discipline Leader](#) | [Landscape Architecture](#)

Mr. Gammons has more than 20 years of landscape architecture, site engineering, construction implementation and management experience. Working closely with engineers and related fields, he has consistently demonstrated how to effectively collaborate where site and landscape design problem solving creates new project type paradigms that ultimately lead to faster and more enthusiastic public approvals. Understanding the tenets of site engineering principles and their potential relationships to ecological functions enables Mr. Gammons to offer alternative landscape-based solutions in addressing both common and complex site problems. Each of his projects within the New York City Tri-State area and internationally demonstrates how his clear landscape design vision is intrinsically rooted in solving fundamental engineering problems for a broad range of project types that extend from single family residential to large scale commercial, institutional, industrial, medical office, regional master planning and environmental remedial and restoration projects. Mr. Gammons earned his B.S. degree in Landscape Architecture from Rutgers University.



Suzanne M. Zitzman, GISP

[Senior Principal](#) | [Discipline Leader](#) | [GIS Asset Management Services](#)

Ms. Zitzman has over 31 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

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



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



New Jersey Current Consulting Positions

County	Municipality	Position	Term
Atlantic	Brigantine City	Consulting Engineer	2025 - Present
	Hamilton Township	Special Projects Engineer	2025 - Present
	Ventnor City & Margate City	Pool of Engineers	2016 - Present
Bergen	Dumont Borough	Special Projects Engineer	2025 - Present
	Edgewater Borough	Special Projects Engineer	2022 - Present
	Garfield City	Municipal Special Engineer	2021 - Present
Burlington	Mt. Laurel Township MUA	Conflict Auxiliary Engineer	2023 - Present
		GIS Support Services	2023 - Present
Camden	Berlin Borough	Special Projects Engineer	2023 - Present
	Cherry Hill Township	Special Projects Engineer	2024 - Present
Cape May	North Wildwood City	Special Projects Engineer	2023 - Present
		Special Projects Planner	2023 - Present
	Woodbine Borough	Special Projects Engineer	2025 - Present
Essex	Newark City	Planning Consultant Services	2025 - Present
	West Caldwell Township	Township Engineering Services	2021 - Present
Gloucester	Mantua Township MUA	Conflict Engineer	2023 - Present
Hunterdon	Delaware Township	Environmental Consulting	2025 - Present

New Jersey Current Consulting Positions

County	Municipality	Position	Term
Hudson	Hoboken City	Special Projects	2023 - Present
		Grant Writing Services	2024 - Present
	Jersey City MUA	Special Projects Engineer	2023 - Present
	Union City	General Engineering Services	1987 - Present
Middlesex	Union City Community Development Agency	General Engineering Services	2018 - Present
	Carteret Borough	Special Projects Engineer	2018 - Present
	Edison Township	Consulting Engineer	2023 - Present
		Consulting Water Engineer	2024 - Present
		Consulting Sewer Engineer	2024 - Present
	North Brunswick Township	Planning Board Off-Tract Engineering - TOD Roadway Improvement (Transit Village)	2024 - Present
South Amboy City	Special Services Engineer	2024 - Present	
Woodbridge Township	Pool of Qualified Consultants	2023 - Present	
Monmouth	Aberdeen Township	Coastal Marine Engineer	2022 - Present
		Special Projects Engineer	2024 - Present
		Grant Writer	2025 - Present
	Atlantic Highlands Borough	Harbor Engineer	2025 - Present
	Bayshore Regional Sewerage Authority	GIS On Call Engineer	2023 - Present
	Bradley Beach	Special Engineering Consulting Pod	2024 - Present
	Eatontown Borough	Special Projects Engineer	2018 - Present
	Eatontown Sewerage Authority	Special Projects Engineer	2025 - Present

New Jersey Current Consulting Positions

County	Municipality	Position	Term
Morris	Fair Haven Borough	Consulting Engineer	2023 - Present
	Fort Monmouth Economic Revitalization Authority	Engineering Services	2025 - Present
	Hazlet Township	Consulting Engineer	2023 - Present
	Holmdel Township	Municipal Consulting Engineer	2014 - Present
	Howell Township	Utility Engineer	2014 - Present
		Consulting Engineer	2014 - Present
		Grants Consultant	2018 - Present
	Long Branch Sewerage Authority	Authority Consulting Engineer	1992 - Present
		Special/Capital Projects Engineer	2023 - Present
	Manalapan Township	Township Conflict/Alternate Engineer	2020 - Present
	Manasquan River Regional Sewerage Authority	Special Projects Engineering Pool	2023 - Present
	Marlboro Township	Township Conflict/Alternate Engineer	2024 - Present
	Middletown Township	Qualified Consulting Engineer	2016 - Present
		Redevelopment Planner	2024 - Present
	Red Bank Borough	Special Projects Engineer	2024 - Present
	Sea Bright Borough	Consultant Borough Engineer	2022 - Present
	Tinton Falls Borough	Pool of Consulting Engineers	2025 - Present
	Wall Township	Special Projects Engineer	2018 - Present
Water/Sewer Engineer		2023 - Present	
Western Monmouth Utilities Authority	2025 Authority Engineer	2018 - Present	
Dover Town	Municipal Engineer	2024 - Present	
	Special Projects Engineer	2025 - Present	

New Jersey Current Consulting Positions

County	Municipality	Position	Term
Ocean	East Hanover Township	Consulting Engineer for Municipal & Water/Sewer	2020 - Present
	Florham Park Borough	Water and Wastewater Engineering Consultant	2021 - Present
	Morristown Town	Consulting Engineer	2018 - Present
	Parsippany-Troy Hills Township	Engineering Services - General Water Utility	2025 - Present
		Engineering Services - General Sewer Utility	2025 - Present
	Barneгат Township	Township Water Sewer Engineer	2024 - Present
	Bay Head Borough	Special Engineering Consultant	2019 - Present
	Berkeley Township	Conflict Engineer	2020 - Present
		Consulting Engineer	2023 - Present
		Capital Projects Engineer	2022 - Present
	Brick Township	Engineering Services Pool	2013 - Present
		Planning Services Pool	2017 - Present
		Architectural Services Pool	2024 - Present
	Brick Township MUA	Consulting Engineer	2014 - Present
	Jackson Township	Special Projects Engineer	2015 - Present
		Grant Writing Consultant	2023 - Present
Land Surveying Services		2021 - Present	
Jackson Township MUA	Special Project Engineer	2023 - Present	
Lacey Township	Special Projects Engineer	2017 - Present	
Lakewood Development Corp.	Civil-Environmental Engineer	2025 - Present	
	Planner	2025 - Present	
Lakewood Township	Consulting Engineer	2023 - Present	
	Township Special Projects Engineer	2023 - Present	

New Jersey Current Consulting Positions

County	Municipality	Position	Term
Passaic	Lakewood Township MUA	Engineering Consultant	2023 - Present
	Little Egg Harbor Township	Township Engineer for Special Projects	2021 - Present
	Little Egg Harbor MUA	Special Projects Engineer	2024 - Present
	Manchester Township	Engineering Services - Special Projects	2023 - Present
	Plumsted MUA	Special Projects Engineer Pool and WWTF Services Pool	2024 - Present
	Point Pleasant Beach Borough	Special Projects Engineer	2023 - Present
	Point Pleasant Borough	Special Projects Engineer	2023 - Present
	Seaside Heights Borough	Special Projects Engineer Pool	2025 - Present
	Seaside Park Borough	Special Projects Engineer	2019 - Present
	Toms River MUA	Engineering Pool	2023 - Present
	Toms River Township	Inspection and General Engineering Services	2018 - Present
	Passaic Valley Sewerage Commission	Consulting Engineer	2023 - Present
	Somerset	Franklin Township	Professional Engineering Services
Union		Elizabeth City	Engineering, Architecture, Surveying and Construction Engineering
	Elizabeth Public Schools	Consulting Engineer/MEP Consultant	2023 - Present
		Environmental Engineer	2023 - Present
		Construction Management Services (CPL)	2023 - Present
Linden City	Engineering Services Environmental Services		

New Jersey Current Consulting Positions

County	Municipality	Position	Term
	Plainfield City	Engineering Services	2024 - Present
		Solid Waste and Sewer Utility Engineering Services	2025 - Present
	Roselle Borough	Engineering Services	2025 - Present
		Planning Services	2025 - Present
		Grant Writing Services	2025 - Present
	Summit City	Consulting Engineer	2020 - Present

Experience

Colliers Engineering & Design has been providing engineering, planning, and consulting services to municipalities in Ocean County and to the County itself since 1999. Our client services include, but are not limited to:

- Capital Improvement Projects, Design, Management, Financial Planning and Budgets
- Engineering and Planning Reviews
- Regulatory Compliance and Permitting
- Construction Oversight and Inspection
- Streetscape/Landscape Improvements
- Zoning and Land Development Ordinance
- Review and Updates
- Master Planning
- Redevelopment Planning
- Land Development/ Redevelopment Planning
- NJDEP Green Acres Application
- Tax Assessment Map Updates
- Transportation Planning
- Environmental and Geotechnical Engineering
- Stormwater Management
- Flood Hazard Mitigation Planning and CRS Coordinator
- Grant Funding Applications
- Water Distribution System Design, Supply and Treatment Facilities
- Surveying
- Municipal Pavement Management and Gravel Roadway Improvement Programs
- Beach and Dune Maintenance Program
- Fuel Storage Facilities
- Transfer of Development Rights Planning,
- Mapping and Public Engagement
- GIS Mapping Portal on Township Website

The following are select examples of our project experience:

Township of Brick

Normandy Beach Roadway Reconstruction

Designed and provided construction administration services for roadway and drainage improvements in the Normandy Beach neighborhood in Brick Township. The infrastructure in Normandy Beach, a community in the barrier island section of the Township, was significantly damaged during Superstorm Sandy. The project included restoring roadways, drainage, curbs, and sidewalk to pre-storm conditions. As part of the project, state-of-the-art LiDAR Mobile Mapping Services were provided, which were used to understand how the roadways, dwellings, and bulkheads respond to different flood elevations.

Ocean County Municipality Projects

Brick Landfill Solar Project

Provided construction monitoring and energy consulting services for the Brick Township Landfill Solar Project implementation and compliance. The Township wished to successfully implement an on-site PV system at the Township's Landfill, located on Sally Ike Road, as a beneficial reuse option for the recently capped landfill. All work was completed in full compliance with requirements established by the US Environmental Protection Agency (EPA). Our professionals performed all construction management oversight services and provided the Township with the greatest level of assurance and lowest possible risk associated with this project.

Route 70 Widening

Provided engineering and construction management services as required for the expansion of New Jersey State Highway Route 70 Eastbound to a three lane highway from Chambers Bridge Road to the old Laurelton Circle at Route 88.

Brick Township Municipal Utilities Authority

Dickinson Road Water Main Replacement

Provided design and construction administration services for the replacement of the water main on Dickinson Road.

Parkway Service Territory (PST) Additional Interconnections on Cherry Lane and Redbud Lane, The East Granada Drive Water Main Extension; Winding River Lane and Oak Knoll Drive Water Main Upgrades: Provided design and construction administration services for the installation of water main extensions to provide interconnections for the water system. The construction cost is approximately \$385,000.

Cedarwood Park Undersized Water Main Replacement

Provided design, permitting, and NJEIT application for the replacement of approximately 18,358 LF of existing 2 inch and 3 inch water main with 8 inch water main.

Borough of Bay Head

Planning Board Engineer

Services include review of planning/zoning applications and assistance with Master Plan and Ordinance Updates.

FEMA Coordination

Assisted with the preparation of public communication documents to submit FEMA updates and recertification.

Post-Sandy Planning Reports

Prepared Post Sandy planning report and obtained funding for five additional reports. Prepared the Master Plan Reexamination, zoning ordinance revisions, and Twilight and Bayfront neighborhood plans.

Berkeley Township

Amherst Beach Inlet Protection and Shore Stabilization

Provided design and construction administration for remediation of the Amherst Inlet and shoreline subjected to severe erosion from tidal currents and bank failure during high flood flows. Funding from

Ocean County Municipality Projects

the Bureau of Coastal Engineering enabled the Township to offset costly in-house maintenance and construct a new vinyl breakwater, extend the stone groin to protect the shoreline, and dredge and widen the Amherst Channel to boat traffic. Excavated sand was relocated and graded to replenish the eroded shoreline and dune grass was planted to stabilize the previously eroded shoreline and protect residential properties and existing marshland vegetation; and help prevent further erosion along the banks. This was an award-winning project completed in coordination with an NJDEP Shore Protection Grant.

FEMA National Flood Insurance Program

Worked with the Township to provide a reduction in flood insurance rates through the development of a program available to municipalities through FEMA. Through implementing planning standards for the development of floodplain and management plans and open space land preservation opening into the Barnegat Bay. The program achieved higher standards than required to secure FEMA's Class-7 rating. This rating enabled the Township to receive a 15% reduction in flood insurance premiums.

Gravel Roadway Improvement Program

This capital improvement project included the preparation of construction plans for drainage improvement and the paving of more than 15 miles of existing gravel streets within a residential neighborhood. Constructed in phases, it includes a portion of the former Central Jersey Railroad Right-of-Way. The project included the acquisition of funding through the NJDEP Environmental Infrastructure Trust, NJ Environmental Infrastructure Trust (NJEIT); and permitting from the NJDEP for a Coastal Area Facilities Review Act (CAFRA) for feasibility studies and engineering estimates.

Transfer of Development Rights – Development Transfer Ordinance

As part of the development of the Township's TDR program, a draft Development Transfer Ordinance was prepared and submitted to the State Agricultural Development Council. Comments were received and amendments are underway.

2010 Land Development Ordinance Comprehensive Amendments per Master Plan and TDR

Comprehensive amendments to the Township's Land Development Ordinance were prepared and are under review by the Township Council. These regulations correspond to substantial revisions to the Township's Zoning Map and include the creation of overlay districts for the Secondary Town Center (TC2) and Corridor Nodes along Route 9, as well as a reorganization and simplification of the Zone Plan for the South Seaside Park portion of the Township.

2010 Land Development Ordinance Amendments to Official Zoning Map

A proposed Draft Revised Zoning Map was prepared using GIS mapping technology in conjunction with the proposed changes to the Land Development Ordinance in 2010.

Berkeley Town Center Redevelopment Plan

A comprehensive redevelopment plan was prepared as a collaborative effort between the Township and the redeveloper of the Berkeley Town Center on the site of a defunct shopping center and asphalt plant. The redevelopment plan was adopted and will enable a comprehensive redevelopment agreement to be advanced covering major improvements to roads, stormwater systems and environmental conditions both within and surrounding the Center.

Ocean County Municipality Projects

2009 Transfer of Development Rights Master Plan Element

Developed the Draft Transfer of Development Rights (TDR) Element of the Berkeley Township Master Plan, which is one of four documents required by the Transfer of Development Rights Act prior to implementing a TDR program.

2009 Transfer of Development Rights Utility Services Element and Capital Improvement Plan

Developed the Draft TDR Utility Services Element and Capital Improvement Plan Element as one of the four required documents by the State Agricultural Development Council (SADC) prior to their approval of a TDR program. The Utilities Services Element projects build-out of the proposed targeted growth areas (Receiving Areas) and estimates the costs of necessary infrastructure for purposes of testing feasibility.

Land Use & Circulation Element

While serving as the Township Planner, prepared a unified Land Use & Circulation Element that incorporated TDR Sending and Receiving Areas, sweeping land use changes for areas fronting on the Barnegat Bay and South Seaside Park and sorted out the Township's jumbled network of paper streets, dirt, gravel and paved roads, as well as potential bike-pedestrian connections between blocks.

Berkeley Township Plan Endorsement

While serving as the Township Planner, reengaged representatives of NJDCA, NJDEP and NJDOT in working towards a designation of part of the originally identified Town Center, a secondary Town Center and a Light Industrial "Node" to be recognized as growth areas by NJDEP through its CAFRA regulations through the Plan Endorsement Process. The Township's Action Plan was approved, and Certificate of Eligibility was issued.

Manitou Park Redevelopment Plan

As part of a comprehensive effort to revitalize a distressed neighborhood in an isolated area of the Township, the Manitou Park Redevelopment Plan was prepared to follow up a designation of the neighborhood as an "Area In Need of Rehabilitation". The adopted redevelopment addressed the introduction of water and wastewater infrastructure through an infill redevelopment project of market and affordable single family homes where only substandard wells and septic systems currently existed. Other improvement projects in the Plan included the introduction of sidewalks, the upgrading of a park and playground and pursuit of grant funds to restore a dilapidated former school house building into a community center.

NJDEP Green Acres Application

2009 NJDEP Green Acres Development Application - New Basketball Courts at Manitou Park

2007 NJDEP Green Acres Development Application - Toms River Park Phase II

2005 NJDEP Green Acres Development Application - Toms River Park Phase I

2005 NJDEP Green Acres Planning Incentive Acquisition Application - Eugene Furey Boulevard and Margaret Major Property

2005 NJDEP Green Acres Development Application - Bayview Park

2005 NJDEP Green Acres Reimbursement and Amendment to Development Application Veteran's Park Walkway Improvements

2005 NJDEP Green Acres Development Reimbursement - Toms River Park Phase I

2004 NJDEP Green Acres Development Application - Veteran's Park

Manitou Park Green Acres Development

Ocean County Municipality Projects

Environmental Assessment/Feasibility Studies

2009 Bayview Park Hazardous Discharge Site Remediation Fund (HDSRF)

2008 NJDEP Hazardous Discharge Site Remediation Fund – Bayview Park

2008 New Jersey Environmental Infrastructure Trust (NJEIT) Stormwater Management Plan

Recreational

Eastern Boulevard Soccer Complex

Allen Road Park

Veterans Park Band Shell

Veterans Park Golf Driving Range

Bayview Avenue Park Site Remediation

Eastern Boulevard Recreation Facility CAFRA

Transportation Planning

Maryland Avenue Traffic Calming

Maryland Avenue Traffic Calming Improvements

Roadway Resurfacing

2019 Sherman Avenue (southern terminus)

Provided engineering design, bidding and construction management services

2020 Garrett Road (Holiday City)

Provided engineering design, bidding and construction management services

Township of Little Egg Harbor

Scenic Gateway Ordinance

An overlay ordinance designed to preserve the scenic qualities of the Route 539 corridor between Exit 58 of the Garden State Parkway and the Tuckerton border was prepared. The Scenic Gateway overlay covered all new development on larger vacant parcels along the corridor irrespective of the underlying zoning.

Environmental Resource Inventory

The preparation of an Environmental Resource Inventory for the Township, partially paid for by a grant from ANJEC for the Township, was supervised.

Manchester Township

Master Plan Reexamination Reports

Prepared updated Master Plan Reexamination Reports in 2016 and 2017 addressing a variety of land use and zoning issues.

2017 Housing Element & Fair Share Plan

Prepared an updated Housing Element & Fair Share Plan for the Township to effectuate the terms of the Settlement Agreements with the Fair Share Housing Center and the Manchester Development Group.

Ocean County Municipality Projects

Land Use Ordinance Amendments

Prepared several ordinances amending the Township Land Use Code. Ordinances included revisions to the zone districts within the CAFRA and Pinelands areas in accordance with the Master Plan recommendations. Also prepared zoning ordinance revisions for the Manchester Development Group side, in accordance with the settlement agreement.

Plumsted Township

New Egypt Redevelopment Plan

The Township was guided through a rehabilitation area designation of its designated Town Center and a redevelopment area designation of the downtown core area of New Egypt and a redevelopment plan covering both areas. The New Egypt Redevelopment Plan was recently amended to incorporate form-based design standards developed as an extension of the Vision Statement and Downtown Design Guidelines.

Plumsted “Complete Streets” Circulation Element

A team of planners, landscape architects and traffic engineers developed a “complete streets” Circulation Plan Element of the Township’s Master Plan. The Element addressed vehicular, pedestrian, bicycle, freight and transit mobility within the Township.

Borough of Point Pleasant Beach

Maryland Avenue and Delaware Avenue Resurfacing Project

Provided survey, engineering design, bidding and soon construction management services as required for the resurfacing of these roadways, including drainage, curb and ADA compliant ramp improvements, NJDOT permitting and coordination with County representatives for Community Development Block Grant (CDBG) project funding.

Ocean Avenue Water Main Replacement Project

Provided survey, engineering design and bidding and on-going construction management services, as required for the installation of approximately 9,700 L.F. of 8” water main, over two dozen 3”, 6” and 8” water main connections and approximately 175 water service connections, to replace a 6” water main that is nearly a century old and provide new and improved water services, including NJDEP and OCSCD permitting and coordination with the USDA Rural Development Water and Waste Disposal direct loan/grant and loan guarantee programs, the water and waste disposal loan and grant program, Nano Loan, New Jersey Infrastructure Bank Construction Financing Program Loan and H2Loan for project funding.

Lincoln Avenue Stormwater Outfall Reconstruction Project

Provided survey, engineering design and soon bidding and construction management services, as required for the installation of a new headwall with wingwalls, a scour hole, a hybrid form of shoreline protection (rip-rap and vegetation) and general area restoration, to replace a 36” reinforced concrete outlet pipe that has been disjointed and dilapidated for decades and stabilize the shoreline, including an NJDEP Waterfront Development (WFD) Individual Permit (IP), Coastal Area Facility Review Act (CARFA) Individual Permit (IP) and a Tidelands license.

Ocean County Municipality Projects

Stormwater Inlet Inspections and Geographic Information Systems (GIS) Mapping

Map approximately 35,000 LF of piping, 32 outfalls, 295 catch basin inlets, man-made, open stormwater conveyance system, by collecting Global Positioning System (GPS) location data and performing visual inspection. Field mapping of stormwater infrastructure and inspection data will be input into a GIS database viewable from a stormwater web mapping app.

Borough Engineer

Coordinate with Borough officials, Department heads and appointed professionals on various projects and tasks. Coordinate with special projects engineers regarding active, pending and future capital improvement projects (bulkhead replacement projects, road resurfacing projects, lake revitalization projects, etc.). Provide grants and funding services support (FEMA Building Resilient Infrastructure and Communities (BRIC) Program, NJDOT municipal aid, NJDOT transportation alternatives, Community Development Block Grant (CDBG) program, Safe Route to School Program, etc. Provide Ordinance updates, provide Tax Map updates, serve as the water plant “fill-in” licensed operator, coordinate with Ocean County and Borough officials regarding the Road Improvement Program and Inter-local Service Requests, coordinate with the U.S. Army Corps of Engineers, NJDEP and Ocean County regarding Beach Maintenance and Erosion. Provide general COVID-19 pandemic support; review and approve outdoor restaurant seating and assist with pedestrian circulation, ADA compliant ramps, vehicular barriers, etc. Provide building department support; grading and drainage application review and approval, as-built plan review and approval, site inspections for private development, reduction and/or release of performance guarantee bonds, field change review and approval, National Flood Insurance Program (NFIP) Community Rating System (CRS) support, Floodplain Management Plan support, resident complaints, inspections and enforcement.

Borough Planner

Coordinate with Borough officials, Department heads and appointed professionals on a Master Plan Reexamination and Amendment, Downtown Revitalization Plan, Historic Preservation Ordinance Assistance, Landscape Ordinance and miscellaneous planning support.

Planning Board Engineer

Services include review of planning board applications and numerous Ordinance updates.

Borough of South Toms River

Streetscape Revitalization Funding

Like many small coastal New Jersey towns, South Toms River saw significant damage to its infrastructure and business districts in the aftermath of Superstorm Sandy. In particular, businesses along the Route 166 corridor adjacent to the Toms River were flooded, resulting in costly repairs. In light of the damage and nature of this particular area, a streetscape project was appropriate to revitalize the local economy and greatly improve pedestrian safety and aesthetic appeal. Colliers Engineering & Design successfully submitted a grant proposal to the New Jersey Economic Development Authority (NJEDA) Streetscape Revitalization Program on behalf of the Borough of South Toms River. A grant for the total requested amount of \$600,000 was awarded to make streetscape improvements and install new sidewalk, curb, driveway aprons, decorative lighting, and street trees along Route 166, stretching from Admiral Avenue to Herflucker Boulevard. Colliers Engineering & Design will also provide grant administration services of

Ocean County Municipality Projects

this federally funded Department of Housing and Urban Development (HUD) Community Development Block Grant Disaster Recovery (CDBG-DR) project in addition to final design and construction management services.

Mathis Plaza Park

Provided value engineering for this award winning project for improvements to Mathis Plaza. Worked creatively with the Ocean County Community Development Block Grant program to enable this small community to make affordable repairs to this waterfront walkway and park along the Toms River. Renovations included the reconstruction and structural reinforcement of the walkway; construction of a more permanent walkway edging; resealing all pavers; and making cost-effective repairs to other park amenities. Services provided for this project included the coordination of coastal engineering, landscape architecture, municipal, recreational/sports, and construction administration and inspection.

Energy Efficiency and Conservation Block Grant

Provided construction management and grant administration for the improvements to Municipal buildings including electrical, lighting, and heating and air conditioning systems funded under the New Jersey Clean Energy Program.

New Jersey Department of Transportation Grant

Provided construction management for rehabilitation of stormwater outfalls including closed circuit television inspection and cured-in-place pipe lining of storm sewer pipe.

Stafford Township

2008 Land Development Ordinance Update

The preparation of an overhaul of the Township's Land Development Ordinance and Zoning Map (recommended in the 2007 Master Plan), as well as the updating of its mining ordinance and clustering provisions in the Pinelands portion of the Township. These ordinances were all approved by the Pinelands Commission.

2007 Plan Endorsement by State Planning Commission

Township worked through a complicated Plan Endorsement process beginning in September of 2005 and culminating in the granting of Plan Endorsement by the NJ State Planning Commission in May of 2007. Approvals were secured of the Master Plan and subsequent zoning amendments in early 2009 from the NJ Pinelands Commission and pursuing Advanced Plan Endorsement with the Office of Smart Growth through mid-2009.

Stafford Business Park Redevelopment Plan

Stafford Business Park Redevelopment Plan was prepared for an area of the Township covering approximately 500 acres, including a closed licensed landfill and an unlicensed landfill. The project involved a Memorandum of Agreement executed by the Township, Pinelands Commission, Ocean County and NJDEP and included components dealing with the relocation of threatened and endangered species found on the landfill, the clearing of title, relocation of county facilities on the site, extraction of the debris from the unlicensed landfill for redevelopment as a mixed use project involving hundreds of dwelling units and several hundred thousand square feet of commercial development.

Township of Toms River

BASF Toms River Site, Tax Appeal Litigation

Colliers Engineering & Design provided professional services as an expert in connection with the BASF tax appeal litigation on behalf of Toms River Township during the period from 2013 through 2020. Colliers Engineering & Design supported the Township in determining the redevelopment potential of the subject property relating to the tax appeal litigation between BASF (plaintiff) and the Township of Toms River (defendant). The subject property is the BASF Toms River Site (former Ciba-Geigy facility that manufactured dyes, pigments, resins and epoxy) in the Township of Toms River, New Jersey. Our services focused on the review and rebuttal of expert reports prepared by others, assisting the Township's legal counsel in preparing the tax appeal case and providing expert testimony during the tax appeal hearings.

Toms River MUA Solar PV System Installation

Retained by Toms River Municipal Utilities Authority (TRMUA) to provide design, bidding, and construction administration services for an innovative renewable energy project that consisted of the installation of a 120.15 kW net-metered solar photovoltaic (PV) system on the roof of the TRMUA administration building and the maintenance garages at their main facility. The project team included Colliers Engineering & Design and the solar developer Energy. The team first conducted a feasibility study, during which they developed a preliminary PV system design, estimated the annual electricity production in kilowatt hours (kWh) compared to the TRMUA facility's historical electrical usage, estimated overall project capital costs, developed a project economic summary, and calculated the project's environmental benefits. The study concluded that the system capacity of 122.43 kilowatts (kW) was appropriate. The estimated annual electricity production is 142,707 kWh over 12 months, compared to TRMUA's 213,336 kWh historical usage.

Toms River High School South Grandstand Replacement

Designed a modern 2,100 seat, ADA-compliant raised grandstand to replace the existing smaller, dilapidated grandstand at Toms River High School South, complete with a larger, updated press box meeting all the needs of the owner. Our professionals redesigned the flow of attendees to pass under the structure instead of in front, as was previously done. With the redesigned layout, two new restroom buildings were installed under the bleachers, the concession building was restored to meet current codes, a new concourse area was created for overflow near the concession building, and additional site improvements such as walkways, fences, gates, and retaining walls were provided.

Downtown Toms River Waterfront Redevelopment Plan

Engaged by the Toms River Business Development Corporation to prepare a redevelopment investigation report to expand the existing Waterfront Redevelopment Area in the Downtown Business Improvement District (BID) to include an additional block separating it from the Downtown Core and to then prepare a Phase 1 Redevelopment Plan. Colliers Engineering & Design worked with the Township Planner and the combined Land Use Committees of the BID and the Township Planning Board to coordinate traffic analyses and the shepherding of the designation and plan through the redevelopment process.

Ocean County Municipality Projects

Post-Sandy Strategic Recovery Planning

Engaged by the Township of Toms River in 2013 to develop a Strategic Recovery Planning Report (SRPR) funded through a grant from the Post-Sandy Recovery Planning Assistance Program of the New Jersey Department of Community Affairs. Our professional planners and engineers worked with a steering

committee to map areas of vulnerability based on storm-related damage to residential and business properties. The mapping and companion report addressed strategies linked to subareas based on the nature of their vulnerability (bulkheaded, inland low elevation, or adjacent to tidal wetlands or creeks). The final SRPR will be used to pursue projects considered necessary to speed the Township's recovery from Superstorm Sandy and improve its resiliency and preparedness against future storm events.

Experience

Colliers Engineering & Design (CED) has established an excellent record of providing wastewater planning and engineering services for municipal sewer departments, municipal and regional utility authorities, private utilities, and private industries. The following is a synopsis of our wastewater experience provided as Engineer-of-Record or as consultant to these entities.

Bergen County Utilities Authority

298 Mehrhof Road
Little Ferry, NJ 07643

Dates of Service: 2021

Services Provided: Wastewater Engineering Consultant

Highlighted Project:

Edgewater WPCF Force Main Design

Design of a new 16,852 linear feet (3.2-mile) conveyance system directing all flow from BCUA's Edgewater WPCF back into their 72" Overpeck Relief Sewer for treatment at their main facility in Little Ferry. The system will convey almost 9.5 MGD as an average daily flow, with peak flows of 28+MGD, and entails over 2 miles of twin 24" HDPE force mains and a mile of 54" gravity sewer. The force mains transit an old railroad tunnel as well as necessitate over 2,600 LF of horizontal directional drilling for installation. The gravity sewer section was purposefully run deep to incorporate retirement of an aging, existing BCUA pipeline, and also necessitates jack-and-bore technology for crossing a heavily trafficked and utility-dense intersection. This is a complex and highly visible project that is also critical to BCUA in meeting its ACO requirements.

Mount Laurel Township Municipal Utilities Authority

81 Elbo Lane
Mt. Laurel, NJ 08054

Dates of Service: Present

Services provided: Wastewater Engineering

Highlighted Project:

Evaluation of Dewatered Sludge Conveying Alternatives and Belt Filter Press and Building Upgrades

Colliers Engineering & Design investigated various upgrade options within the sludge dewatering building at the Mount Laurel Township Municipal Utilities Authority (MLTMUA) Hartford Road Water Pollution Control Facility and provided a summary report with budget cost estimates to assist the MLTMUA with capital planning efforts. The evaluation presented practical solutions to capacity issues, operational redundancy, and current operations and maintenance concerns regarding the belt filter presses, polymer system, washwater system, sludge conveyance and distribution systems, cold weather operations, dewatering downtime, and several ancillary systems. Ancillary systems and items assessed in the report included interior lighting, compressed air, coatings, distribution piping, main electrical gear and distribution, and HVAC. Maintenance, ease of operation, compatibility in the existing building footprint, cost (both initial capital and operating), and life cycle were all considered. The realities of construction logistics, downtime, and temporary off-site hauling and disposal were similarly factored.

Township of Middletown Sewerage Authority

Center Avenue
P.O. Box 205
Belford, NJ 07718

Dates of Service: 2002 – Present

Appointment: Engineer of Record: Authority

Services provided: General engineering services including planning, analysis and evaluation studies, design, construction administration and inspection of wastewater collection, transfer and treatment facilities. Services also include review of new connections to the sewer system.

Highlighted Projects:

Emergency Repair/Replacement of 30" Sewer Pipe at Bridge Crossing

Provided engineering services to respond when the contractor replacing a Monmouth County Bridge broke the existing 30" sanitary sewer pipe. Services include evaluation of conditions; coordination with NJDEP; preparation of a plan for replacing the pipe, issuing requests for proposals to contractors; and construction inspection and administration. The plan included options for both open excavation and trenchless directional drilling.

Flood Barrier Installation at Wastewater Treatment Plant

Provided planning, design, and NJEIT Funding services for the installation of flood barriers for doors and windows for various buildings. The construction cost was \$210,000.

Sump Pumps for Buildings at Wastewater Treatment Plant

Provided planning, design, and NJEIT Funding services for the installation of sump pumps for the below grade building levels of various buildings to mitigate for future storm protection. The construction cost was \$245,000.

Raw Sludge Building Electrical Improvements at Wastewater Treatment Plant

Provided planning, design, and NJEIT Funding services for the installation of new electrical equipment for the raw sludge building including a new second story for the installation of the electrical equipment above the flood elevation. The construction cost was \$573,000.

New Power Building at Wastewater Treatment Plant

Provided planning, design, and NJEIT Funding services for a new power building for the wastewater treatment plant, including a new building, electrical power, controls and instrumentation, and generator. The project will raise the generator, electrical service and control system above the flood elevation, permanently repair the electrical system and mitigate for future storm protection. The estimated construction cost is \$3M. The project has not yet gone out to bid.

Wastewater Treatment Plant Improvements – Fine Bubble Aeration and Final Clarifier Improvements

Evaluation, design and construction administration of two (2) new contiguous aeration tanks; one (1) new circular final clarifier; one (1) new RAS/WAS building; one (1) new blower building; rehabilitation of two (2) existing aeration tanks and three (3) final clarifiers; and new aeration influent and effluent channels and flow distribution box to final clarifiers. The project included coordination of new

construction with the continuous operation of the 10.8 MGD plant. The Construction Cost is approximately \$15 million. The project included applications for funding from the New Jersey Environmental Infrastructure Financing Program.

Wastewater Treatment Plant Bar Screen Evaluation, Design, and Construction Inspection

Conceptual evaluation of bar screen replacement alternatives. The major objective for replacement of the bar screens included addressing the deteriorating condition of existing screens, modifying and upgrading the design to minimize operator's direct contact with screening; and to provide finer screening to reduce floating material throughout the plant and in the final settling tanks. Also provided design and construction administration and inspection services for the installation of the Belt Screen, washer, and compactor equipment. Design services include mechanical (heating and ventilating), electrical (power and lighting), structural (building modifications including roof hatches and foundation design) for building additions to house new equipment.

Basin 1 Sanitary Sewer Manhole Rehabilitation

Design, construction administration, and inspection services associated with the manhole rehabilitation project consisting of the sealing of approximately 57 manholes, replacement of the riser on 14 manholes, mortar work on 26 manholes, replacement of four manhole covers, reconstruction of bench and channel in 71 manholes and sealing of three leaking piezometers.

Sewer System Evaluation and Rehabilitation – Basins 1, 2, 3, 11, 12, 14 and 15

Provided Sewer System Evaluation Survey (SSES) to identify and recommend remediation of infiltration and inflow (I/I) for the Township of Middletown Sewerage Authority collection system. The study identified sources of I/I into the sanitary sewage collection system, evaluated rehabilitation methods, and associated costs for correcting defects. Services included preparation of plans and specifications for internal TV inspection, pipe rehabilitation, preparation of the SSES analysis and report, and contract administration and inspection for the rehabilitation work. A total of 680,500 LF of sanitary pipes were evaluated, ranging from 8" to 15" in diameter. The rehabilitation methods included cured in place spot repairs, joint testing and sealing, lateral testing and sealing. Defects that could not be repaired by internal rehabilitation methods were corrected with open cut repairs in a separate project. Our services included inspection and GPS location of 4,120 manholes.

Fairview Force Main Access Road

Design permitting and construction administration for a road to provide access to an existing force main located in a wooded area. A second project included clearing of a sloped wooded area to allow access where a road could not be installed. The construction costs were approximately \$74,000 and \$40,000 for each project.

Roof Replacement on Administration Building

Design and construction administration for replacement of the roof. The construction cost was approximately \$89,000.

Sanitary Sewer Capacity Evaluation

The capacity of the existing 10" and 12" Jumping Brook and Lincroft Interceptors and the Jumping Brook Pumping Station were evaluated to determine if additional flow from a new development could be added. Six temporary meters were installed, and the results were used to determine capacity

limitations. Recommendations were made for system improvements to provide additional capacity and cost estimates were prepared for several alternatives.

Primary Settling Tank Modifications

Design, bidding, and construction administration/observation for primary settling tank modifications, including new tank fiberglass baffles, weirs and troughs, and concrete repairs. The contract also included various maintenance items at the wastewater treatment plant, including conveyor support, repair of scum skimmer, repair of hatch concrete, and repair of conveyor belt for belt filter press. The total construction cost was approximately \$546,000.

Sanitary Sewer Aerial Crossing Repairs

Design, bidding, and construction administration/observation for eight sanitary sewer aerial crossing repairs, including new pipe access protection collars, new pipe supports, and pipe painting. The total construction cost was approximately \$167,000.

Underground Storage Tank Removal and Above Ground Storage Tank Installation

Design, bidding, and construction administration/observation for the project which included removal of two existing 6,000 gallon underground fuel storage tanks and appurtenances, and installation of a new 1,000 gallon above ground diesel storage tank and a 6,000 gallon above ground fuel storage tank, new dispensers, new concrete pads, and new electrical panels. The total construction cost was approximately \$268,000.

Long Branch Sewerage Authority

150 Joline Avenue

Long Branch, NJ 07740

Dates of Service: 1992-Present

Appointment: Engineer of Record: Authority

Services Provided: General engineering services including, planning, analysis and evaluation studies, design, construction administration and inspection of wastewater collection, transfer and treatment facilities. Services also include NJPDES permit renewals, air permitting, and review of applications for connection to the sewer system.

Highlighted Projects:

Flood Barrier Installation at Wastewater Treatment Plant

Provided planning, design, and construction administration services for the installation of flood barriers for doors and windows for various buildings. The construction cost was \$160,000.

Collection System Rehabilitation

Provided planning, design, and construction administration services for the replacement of approximately 11,000 LF of sanitary sewer pipe and 53 manholes. The total construction cost was approximately \$3.2 million.

Wastewater Treatment Plant Modifications

The project includes Wastewater Treatment Plant improvements, including new odor control facilities, a complete new headworks with new screening and metering equipment, a new garage/maintenance

building, relocation of control room, new alarm and SCADA systems, replacement of existing grit facilities, replacement of control system for emergency effluent pumps, modification to the chlorine systems, improvements to the hot water heating system, security upgrades, conversion of the existing aeration tanks from coarse to fine bubble diffusers with new energy efficient blowers, micro turbines and new methane gas mixers in the digester tanks, and improvements to the administration/operations building. The permitted plant capacity is 5.4 MGD. The Construction Cost is approximately \$12 million. Services included planning, design, permitting, construction administration, and obtaining NJDEP / NJEIT Loan, including \$5 million in principle-forgiven ARRA Funding.

Pumping Station Improvements

The project included planning, design, and construction administration and inspection services for improvements to six existing pump stations, including new pumps, pumping control systems, generators, and rehabilitation of wet wells. The project included obtaining NJDEP / NJEIT Funding. The Construction Cost was approximately \$900,000.

Collection System Improvements

The project included planning, design, permitting, construction administration and inspection services for replacement of approximately 1,200 LF of 12" pipe and 9,700 LF of 8" pipe. The Construction Cost was approximately \$2.6 million. The project included obtaining NJDEP / NJEIT Funding.

Phase II – Sanitary Sewer Rehabilitation

Project consisted of the planning, design, permitting, construction administration and inspection services for replacement, repairs, lining, test and seal (grout), and other rehabilitation work including approximately 105,000 LF of sewer mains, 325 new manholes, 1,700 laterals; abandonment and the decommission of two pump stations and one tidal chamber. The project construction cost was approximately \$9 million. The project included loan application submission, and conformance with all requirements of the New Jersey Environmental Infrastructure Trust, and NJDEP Municipal Finance and Construction Element.

Wastewater Management Plan

Preparation of a complete updated WMP for the Authority. Recently provided coordination with Monmouth County Planning Department for County WMP.

Wastewater Treatment Plant Improvements

- Replacement of raw sewage pumps and VFD's
- Digester valve and piping replacement
- Replacement of sludge conveyance system
- Vehicle Fuel Storage and Dispensing Facilities
- Traveling Bridge replacement
- Replacement of Emergency Generator

Emergency Repair of Elberon Interceptor

Slip-lining of approximately 370 feet of 30" gravity interceptor pipe with Lamson Nylon (PVC) Slipline Pipe immediately downstream of 12" force main connection. Design and installation methods eliminated need for by-pass pumping with actual slip-lining installation being completed in about 12 hours.

Pump Station Improvements

- Rehabilitation and Up-Grade of Pump Stations
- Replacement of pumps
- Installation of VFD's
- Installation of Emergency Generators

Hoey Force Main Replacement

Installation of approximately 4,800 LF of 18" HDPE force main, including two directional drills and one jack and bore crossing. The project construction cost was approximately \$1.9 million. The project included obtaining NJDEP/NJEIT funding.

Town of Clinton

P.O. Box 5194

Clinton, NJ 08809-0194

Dates of Service: 2010 - 2015

Appointment: Sewer Engineer

Highlighted Projects:

Filter Replacement

Prepared plans and specifications and provided construction administration and observation services for the replacement of tertiary sand filters with disk cloth media filters for the 2.03 MGD wastewater treatment plant. The project included removal of three filters, replacement with two new filters with a smaller footprint, modifications to the piping, supports, access stairs, elevated walkway, and building. The construction cost was approximately \$1 million. The project was funded through the NJEIT.

Clarifier No.2 Repair

Prepared documents for repair of Clarifier No. 2; coordinated receipt of quotes; and construction observation.

NJPDES Permit

Prepared NJPDES permit renewal application.

Manhole Rehabilitation

Prepared construction documents and provided observation for the repair and lining of manholes.

Township of Allamuchy

PO Box A

Allamuchy, NJ 07820

Dates of Service: 1992 - 2022

Appointment: Engineer of Record: Township

Services Provided: General engineering services associated with the Township's sanitary sewer collection system and treatment facilities.

Highlighted Projects:

I & I Study Sanitary Sewer System

Performed an I & I Study to evaluate excessive sewage flows and recommended sanitary sewer improvements prior to Township purchase of sewer system.

Sewerage Treatment Plant Improvements

- Sand Filter Rehabilitation
- Chemical Feed System to meet new phosphorous limit.

Replacement of Emergency Generator at Sewerage Treatment Plant

Provided design and construction administration services for a 250KW emergency generator for the sewerage treatment plant. Services included preparation of plans, technical specifications, and contract documents.

New Jersey Pollution Discharge Elimination System Permitting

Prepared and submitted NJPDES permit renewal applications every five years. We assisted the Township Attorney with an adjudicatory hearing regarding new discharge limits and were successful in eliminating some new limits and obtaining a more reasonable phosphorous limit.

Master Plans

Preparation of Master Plans for the sanitary sewer and water systems.

Pump Station Rehabilitation

- New Emergency Generator
- Pump Replacement

Wastewater Management Plan Preparation

Prepared Wastewater Management Plan for the Township that was adopted in June 2010. The plan included GIS mapping, mapping of environmental constraints, adjustments to the sewer service area, and a septic density analysis.

Phillipsburg Sewer Utility

675 Corliss Avenue
Phillipsburg, NJ 08865

Dates of Service: 1996- 2006

Appointment: Engineer of Record: Sewer Utility

Services Provided: General engineering services including administration, planning, analysis and evaluation, design, survey, geotechnical, and NJPDES permit renewals.

Highlighted Projects:

Wastewater Treatment Plant Expansion Project

- WWTP Evaluation Report
- Lopatcong Creek Stream Study – Completed 1997
- Treatment Plant Evaluation - Preliminary study completed 1997

Meter Chamber Standardization Project

Replacement and upgrade of five “sender” community meter chambers and equipment to record and transmit sewage flow data to central plant location.

Wastewater Treatment Plant Improvements

- Sodium Hypochlorite Tank Replacement
- Replacement of Utility Water Pump

Inter-Municipal Sewer Agreement

Preparation of various sections of proposed agreement between Phillipsburg and sender communities.

County of Warren

Technical School Sewage Treatment Plant

Prepared NJPDES Permit renewal applications and prepared a visual assessment report that resulted in elimination of a proposed phosphorous limit.

Town of Orangetown

127 Route 303

Orangeburg, NY 10962

Dates of Service: 2009 – Present

Highlighted Projects:

Sludge Holding Tank Conversion

Project included design, bidding, and construction administration services for the rehabilitation of the existing secondary sludge holding Tanks #'s 1 and 2 to improve the plant sludge management and odor control. The project included tank rehabilitation, modifications to pipe and pumping systems, installation of covers and odor control systems and improvements to the electrical and instrumentation equipment.

City of White Plains Department of Public Works

255 Main Street

White Plains, NY 10601

Dates of Service: June 2004 – Present

Services Provided: General engineering services including administration, planning, analysis and evaluation studies, design, construction administration and inspection of wastewater collection, transfer and treatment facilities.

Highlighted Projects:

Sanitary Sewer Design/Main Street

Professional engineering and surveying services associated with the 600 LF of sanitary sewer main in Main Street and William Street. Services included site inspection of routes, topographic, utilities and ROW surveys; construction detail drawings, maintenance and protection of traffic plan, and regulatory permitting (NYS Department of Health).

Rehabilitation of Longview Avenue 8" Sanitary Sewer

Professional engineering services associated with the rehabilitation of approximately 2000' of 8" sanitary sewer in Longview Avenue from Maple to Linda Avenue. Services included collection and review of existing data, site inspection of sanitary sewer route, survey services as required to include physical features for areas where survey information was not available, sanitary sewer drawings and construction details for maintenance and protection of traffic, estimate of construction cost, and regulatory permitting.

Borough of Florham Park

111 Ridgedale Avenue
Florham Park, NJ 07932

Dates of Service: 2020

Services Provided: Water and Wastewater Engineering Consultant

Highlighted Projects:

Wastewater Treatment Plant Evaluation and Capital Plan

Preparation of a wastewater treatment plant upgrade evaluation, optimization, and capital plan to account for future flow increases in the Borough.

Town of Patterson

1142 Route 311
Patterson, NY 12563

Highlighted Projects:

Patterson Sewer District #1 Sewer Treatment Plant Fire Response

Civil, structural, and sanitary engineers inspected the site of a fire which damaged the roof structure, emergency backup systems, and process systems. A report was prepared to document the damage and the extent of the repairs and replacement required.

Sewer District Extension

Provided engineering reports, plans, details, and permitting for the expansion of the Patterson Sewer District #1. Services included review of the sewer treatment plant capacity, calculation of average and peak flows from the district expansion, design of gravity, and forced sewer system, and review of wetlands and flood plain limits. Also provided permitting through the NYCDEP and the Putnam County Department of Health, and coordination with NYSDOT, NYSEG, and Metro North Railroad.

Village of Cornwall

325 Hudson Street
Cornwall-on-Hudson, NY 12520

Retained by the Village as a Consultant to inspect, survey, and provide remedial designs for gravity sewer systems in an older area of the Village. Services included investigation of property ownership issues; seek easements; and relocate sewers as necessary; preparation of plans, profiles, and details for construction by the DPW.

New Jersey - Municipal

Jersey City Municipal Utilities Authority, Hudson County, NJ

- **Interconnection Study**

Studied available water supplies to JCMUA and modeled outage scenarios using WaterCAD to determine potential alternative supply of 30 MGD. Performed a series of interconnection tests between the JCMUA's water distribution system and adjacent systems as part of a condition assessment. Generated an evaluation report that summarized field work, modeling results and recommended improvements to increase reliability and viability of alternative water supply sources.

- **Phase 3 & 4 Water Main Replacement**

Preparation of engineering plans and technical specifications and procure permits for the replacement of approximately 10,000 LF of water mains within Jersey City. Assisted the MUA in an application to the State of New Jersey to obtain New Jersey Environmental Infrastructure Trust Funding for the project. Our professionals will provide bid phase, contract administration, and inspection services for the project.

- **Phase 6B Sewer and Water Main Replacement**

Preparation of engineering plans and technical specifications and procure permits for the replacement of approximately 19,000 LF of sanitary sewer mains and 8,000 LF of water mains within Jersey City. Assisted the MUA in an application to the State of New Jersey to obtain New Jersey Environmental Infrastructure Trust Funding for the project. Our professionals will provide bid phase, contract administration, and inspection services for the project.

- **Sanitary Sewer Lining at Light Rail Locations**

Preparation of engineering plans and technical specifications for the lining of four locations where sanitary sewer runs below the Light Rail. Assisted the MUA in an application to the State of New Jersey to obtain New Jersey Environmental Infrastructure Trust Funding for the project. Our professionals will provide bid phase, contract administration, and inspection services for the project.

Town of Allamuchy, Warren County, NJ

- **Water Tank Replacement Project**

Project scope included the erection of a glass fused to steel ground storage tank with an approximate capacity of 500,000 gallons alongside the demolition of the existing steel welded potable water storage tank. As part of this project, prepared the design plans and specifications, construction administration and observation, and obtained all necessary permits to complete the full project scope. The services provided by CED included efforts from the Water/Wastewater, the Geotechnical, and the Structural departments. The proposed design prepared by CED provided the Township with the ability to operate their potable water system uninterrupted throughout the construction phase of the project.

- **Water System Asset Management Plan**

An evaluation of the water supply, treatment, and distribution system was performed and an Asset Management Plan Report was prepared to meet the NJDEP Water Accountability Act. A capital improvement plan and maintenance recommendations were also included in the report.

Water Infrastructure Projects

- **Water Main Replacement Project (Phase 2)**

Preparation of engineering plans and technical specifications and procured permits for the replacement of approximately 14,400 linear feet of water mains within the Panther Valley Planned Development. Assisted the Township in an application to the State of New Jersey to obtain New Jersey Environmental Infrastructure Trust Funding for the project. Provided contract administration and inspection services for the project. *Received two (2) awards from the New Jersey Society of Municipal Engineers - Municipal Project of the Year and Second Place for Construction Project Management.*
- **Water Main Replacement (Phase I)**

Preparation of plans, specifications, permit applications and Application for Funding from the NJ Environmental Infrastructure Trust as well as construction administration and observation for replacement of approximately 7,500 LF of 8", 10" and 12" water pipe.
- **Fire Protection Water Main – Rutherford Estates**

Preparation of plans, specifications and permit applications for a water main extension and fire hydrants to provide fire protection. The project includes approximately 8,000 LF of 8" and 12" water pipe, fire hydrants, and associated appurtenances.
- **Water Main Interconnection**

Submission of application to the NJDEP to obtain a low-interest \$300,000 loan to construct an interconnection between the Pequest and Village of Allamuchy Water Systems. Preparation of a feasibility study to determine best route for new water main between the two systems across Interstate Route 80. Preparation of design plans and permit applications for construction of the interconnector and provide construction administration and inspection services. The project included approximately 6,000 LF of water main, including a bridge crossing of Route 80 and a pressure reducing valve chamber.
- **Replacement of Well Pumps No. 2 and 3**

Preparation of plans, specification and permit applications for replacement of pumps in two municipal wells to increase pumping capacity. Permits included NJDEP Water Allocation, Highlands Approval, and NJDEP Safe Drinking Water.
- **Water/Sanitary Sewer System Studies**

Preparation of studies of existing water and sanitary sewer systems to assess their existing condition, determine the additional demands that will be placed upon these systems in the future due to development, and determine improvements that will have to be made to accommodate future development. Master plans have been completed for the Planning Board and Township Council. Studies were prepared to be used as a guide for future improvements to the system.
- **Purchase of Pequest Sanitary Sewer and Water Systems**

Evaluate all existing facilities and improvements, including, but not limited to, wells, treatment facilities and pumping stations, perform field surveys of all properties owned by the Pequest Water and Sewer Companies, and prepare report with comments on the condition of the existing improvements and recommendations on improvements to be made in the future as part of the Township's review prior to the purchase of the Pequest Sanitary Sewer and Water Systems with State Wastewater Trust Fund moneys. Obtained funding from the New Jersey Wastewater Trust for system acquisition.

Water Infrastructure Projects

Twenty Year Infrastructure Master Plan

FAA William J. Hughes Technical Center, Atlantic City International Airport, Atlantic City, NJ

Task manager for evaluation of sanitary sewer and domestic water system infrastructure assets serving the entire WJHTC campus. The project involved fluid and desktop elevation of sanitary sewers, manholes and pump stations on the wastewater side and fire hydrants, storage and water supply and treatment. Based on the infrastructure evaluation a 20 year master plan was developed including various projects to repair or upgrade the systems where needed.

Borough of Matawan, Monmouth County, NJ

Sutkin Place, Union Street, Orchard Street & Sutton Drive

Preparation of plans and specifications, and construction observation and administration services for replacement of 4,300 LF of 8" water main pipe and associated valves, hydrants and services. The construction cost including road reconstruction was \$1.6M.

Sea Isle City, Cape May County, NJ

Rehabilitation & Repainting of Existing 400,000 Gallon Water Storage Tank

Prepared plans and specifications for the structural repairs and painting of the elevated water storage tank. Construction administration and inspection was performed by Maser Consulting and MBA (Mumford-Bjorkman Associates, Inc.).

Borough of Englishtown, Monmouth County, NJ

- **Englishtown Borough Water Treatment Plant**

Preparation of plans and specifications for the complete rebuild of Englishtown Borough Water Treatment Plant, refurbish existing 150,000 gallon elevated water storage tank, and construction of new 300,000 gallon elevated water storage tank.

- **Water System Master Plan and System Improvements**

Preparation of computer model of the water system, design, contract administration, and observation for construction and/or rehabilitation of the water treatment plant, wells, storage tanks and mains. As part of the Planning Board reviews, Maser Consulting performed analysis of existing systems to recommend appropriate off-site improvements.

Borough of Bloomsbury, Hunterdon County, NJ

- **Water System Evaluation**

Performed an evaluation of the water system to determine improvements required to increase water supply for proposed new development.

- **Water Storage Tank Inspection**

Performed an inspection of the water storage tank and prepared a report including recommendations for required repairs or replacement of the tank.

- **Contract Documents for Sale of the Water System**

Prepared specifications and contract documents for the sale of the Borough owned water system to a private water company.

Jackson Township Municipal Utilities Authority

Western Water Main Extension

Preparation of engineering plans, specifications and permit applications for the installation of approximately 27,354 LF of 16" diameter water mains and a booster station to provide fire flows and pressures. The project includes two horizontal directional drills to cross a stream and cross Highway

Water Infrastructure Projects

I-195. Our scope includes an application to the State of New Jersey to obtain New Jersey Environmental Infrastructure Trust Funding for the project. The estimated construction cost was \$6.2M.

Township of Belleville, Essex County, NJ

- **Advanced Water Metering Infrastructure Project**

Preparation of contract documents, construction inspection and administration services for the replacement of water meters in the Township with new meters and an advanced water metering

read system with an antenna and controls. There were approximately 7,800 meters replaced and the total construction cost was approximately \$2.8 million.

- **Water System Improvement Project**

A \$425,000 water system improvement project in Belleville, which included replacement of existing water main, pressure reducing valves, valves and hydrants as well as relining of existing water main, was completely funded by a Community Development Block grant.

Borough of Atlantic Highlands, Monmouth County, NJ

Water System Improvements

Design, permitting and construction inspection services for the replacement of 3,090 LF of 8" water mains.

Township of Blirstown, Warren County, NJ

Sunset Hill Road Water Main Replacement

Studied existing water main between Route 521 and the water treatment plant on East Kill Road to determine the reason for water discoloration and other problems in this area of Blirstown and prepared report with improvement alternatives, including cost estimates. Prepared design plans, specifications, and contract documents and procured permits and approvals from government agencies with jurisdiction for the phased replacement of the Sunset Hill Road water main.

New York - Municipal

Town of Marlborough, Ulster County

Analysis and Evaluation of Water System Facilities

Analysis and evaluation of water system facilities including Hardy Cross computer analysis of current and future demand requirements, fire hydrant flow tests, evaluation of existing and future supply, treatment, storage and distribution facility requirements and analysis of any deficiencies or operational problems with current facility.

City of White Plains, Westchester County

- **30" Water Transmission Main - Phase II**

Prepared plans, specifications and DOH permit application for approximately 1,600 feet of 30-inch water transmission main in Ferris Avenue. Services includes site inspection, topographic survey, utilities location, ROW survey, construction cost estimate, maintenance and protection of traffic plans, and regulatory permitting (NYS Department of Health).

Water Infrastructure Projects

- **Conversion Gaseous Chlorine Disinfection System**

Professional services to prepare plans, specifications and Department of Health permit application for the conversion of gaseous chlorine disinfection to liquid chlorine disinfection at CAPS, chlorine pump and tank replacements at OSPS, replacement of existing sodium hypochlorite metering pumps with vacuum type liquid doser, and day tank replacement.

- **Water Main Design/Court Street**

Professional engineering and surveying services associated with the construction of a 12" water main 600 LF in length in Court Street from Main Street to Hamilton Avenue. Services included site inspection of routes, topographic, utilities and ROW surveys; construction plan and detail drawings, maintenance and protection of traffic plan, and regulatory permitting (NYS Department of Health).

- **Water Main Design/Martine Avenue**

Professional engineering and surveying services associated with the construction of a 12" water line approximately 1,250 LF in length in Martine Avenue from Mamaroneck Avenue to South Broadway. Services included site inspection of proposed route, topographic, utilities and ROW surveys; construction plan and detail drawings, maintenance and protection of traffic plan, and regulatory permitting (NYS Department of Health).

Private Projects – New Jersey / New York

Off-Site Water Facilities/Old York Road Development Bordentown, Gloucester County, NJ

Design of the off-site and sanitary sewer improvements which include design of water main extension for the development frontage along Old York Road to the existing 12" water main near the intersection within Rising Sun Road (approximately 2,850 LF), and a low-pressure sanitary sewer system to serve the proposed development including an off-site force main to the existing gravity sanitary sewer system in Rising Sun Road (approximately 3,175 LF). Other services included topographic survey and regulatory permitting (NJDEP water and sanitary sewer extensions, soil conservation, City of Bordentown Water Department, and Bordentown Township Sewerage Authority).

Water System Analysis for Mixed Use Development Bordentown, Gloucester County, NJ

Water system analysis involved an investigation into alternative improvements required to the water system into which the subject property could be connected. The analysis will include an evaluation of conceptual design layouts and facilities, preliminary cost estimates, limits and restrictions, and other pertinent information relative to the feasibility of various improvements. The analysis resulted in the design of off-site water system to extend water main from the frontage of development at Route 130 to an existing 8" water main in Amboy Road near the intersection with Stanton Avenue (approximately 1,250 LF). Other services included topographic survey of water main routing that includes crossing US Route 130 and Unite New Jersey Railroad crossing; and regulatory permitting (NJDEP water extension, NJDOT utility opening, soil conservation and county/local planning boards).

Water System Analysis South Orange, Essex County, NJ

Professional engineering services associated with the revision to the existing water system report and computer analysis of the Mountain Service Area of the South Orange Village water system for a

Water Infrastructure Projects

proposed 64 duplex and/or triplex units and six single-family homes. The evaluation is based upon connections for looping of the new development system to the existing system.

Design of Water System

NJ American Water, Bedminster & Bernards Townships, Somerset County, NJ

Design of the Hills Development Water System to serve approximately 400,000 SF of commercial and professional office space, and a planned 18-hole golf course with clubhouse facilities. Responsibilities included preparation of a master plan report for the water system, preparation of computer simulations with four different pressure gradients used for design of on-site water system facilities, design of two 750,000-gallon water storage tanks, two high service booster pump stations rated at approximately 2 & 3 MGD respectively, three pressure reducing valve stations interconnecting the various pressure zones, and miles of water mains serving the development. Services provided also included contract administration and observation of construction.

Water Supply Well #7

Shorelands Water Company, Hazlet, Monmouth County, NJ

Civil engineering and architectural services for a new water supply well #7 and building to be located where the pilot hole was previously drilled. Other services included, topographic survey and base map preparation, site plan, site dimension plan, grading, utility, and drainage plans; drainage report, and regulatory permitting.

Water Treatment System Design

McGraw Hill Data Center, East Windsor, Mercer County, NJ

The project included design of a 130 gpm water treatment system to remove manganese and iron from well water to be used in a cooling tower, including treatment equipment, storage tank and pump, and chemical feed equipment and piping. The construction cost was \$300,000.

Water Main Extension

Ciba Specialty Chemicals, Tarrytown, Westchester County, NY

Professional engineering services for the extension of 2,000 LF of water main to an existing chemical facility. Services included a fire suppression system, pump station design, soil erosion plan, topographic, boundary and construction stake out surveys, and construction inspection.

Condominium Development

Marlborough, Ulster County, NY

Professional engineering services to perform a water system analysis for a proposed development of 137 condominium units that requires rezoning of property and an expansion of sewer district. Services included investigation of water system improvements required to serve development; analysis of conceptual design layouts and facilities; preliminary cost estimates; review of limits and restrictions; three (3) fire hydrant flow tests of the existing water system to obtain actual flow and pressure data; evaluation of system demands; and review and evaluation of the proposed development plans, existing water system plans and reports, design requirements, existing topographic information and hydrant flow test data.

Water Supply Booster Pumping Station

New Windsor, Orange County, NY

Professional engineering services for the design of a water treatment and water booster station in an above grade building associated with the site design and civil engineering services for the proposed

Water Infrastructure Projects

subdivision of approximately 50-acres for the development of 311 townhouse units. Services included design documents for plans, profiles, sections and written specifications for the required treatment equipment, storage tank, pumps, valves, gauges, pipe and fittings; plans and specifications for the installation of the booster pump including site grading, concrete pad design, site piping design and electrical service connection design; design of a above grade building to house a natural gas powered standby generator, design of pump station and pumps for sufficient capacity to provide for peak domestic flows and required fire flows including a small “jockey pump” for low flow periods.

SECTION 5

Township of Barnegat, Ocean County, New Jersey
Rates are effective January 1, 2026 through December 31, 2026

Technical Staff Rates

Billing Titles	Hourly Rates
Technical Director	210.00
Project Manager	205.00
Senior Project Specialist	200.00
Project Specialist	195.00
Technical Professional	190.00
Technical Specialist	185.00
Specialist	180.00
Senior Data Technician	175.00
Senior Technical Assistant	170.00
Technical Assistant	160.00
Data/Field Technician	145.00
Survey Crew – 1 Person w/Robotic Equipment	195.00
Additional Survey Crew Member	85.00
SUE Crew (designating) – 1 Person	160.00
Additional (designating) Member	85.00
SUE Crew (locating) – 2 Person	220.00
Additional (locating) Member	85.00
Expert Witness	425.00
Sr. LSRP (NJ Only)	330.00
LSRP (NJ Only)	290.00

Reimbursable Expenses

General Expenses	Cost + 20%
Travel (Hotel, Airfare, Meals)	Cost + 20%
Sub-Consultants/Sub-Contractors	Cost + 20%
Plotting	4.70 / Each
Computer Mylars / Color Plots	100.00 / Each
Photocopies	0.20 / Each
Color Photocopies	2.20 / Each
Document Binding	4.50 / Each
Portable Media	100.00 / Each
Exhibit Lamination (24" x 36" or larger)	95.00 / Each
Primary Plan Set Submission Digital Signature	325.00 / Set
Additional Plan Set Submissions Digital Signature	100.00 / Set
Mileage Reimbursement*	0.70 / Per Mile

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

SECTION 6



PLEASE EXECUTE THIS FORM AND SUBMIT WITH THE RFP PACKAGE

**TOWNSHIP OF BARNEGAT
900 WEST BAY AVENUE
BARNEGAT, NJ 08005**

RIGHT TO EXTEND – TIME FOR AWARD

The Township of Barnegat is required by the Local Public Contracts Law N.J.S.A. 40A:11-24, to make an award on products or service within sixty (60) days of the bid opening date.

Should the Township of Barnegat require an additional thirty (30) days extension to make an award of this bid, by signing this document you should grant the Township of Barnegat the right to extend this award up to ninety (90) days, if deemed necessary

SIGNED: 
Craig Zeidman (SIGNATURE)

TITLE: Senior Principal
(PRINTED OR TYPED)

COMPANY: Colliers Engineering & Design, Inc.

DATED: 10 / 22 / 25

TYPE OF PRODUCT OR SERVICE OFFERED: _____

5. Township and Water/Sewer Utility Pool Engineer

PLEASE EXECUTE THIS FORM AND SUBMIT WITH THE RFP PACKAGE

PUBLIC/STOCKHOLDER DISCLOSURE STATEMENT

NAME OF BUSINESS: Colliers Engineering & Design, Inc.

I certify that the list below contains the names and home addresses of all stockholders 10% or more of the issued and outstanding stock of the undersigned.

Or

I certify that no one stockholder owns 10% or more of the issued and outstanding stock of the undersigned.

- Partnership
- Limited Partnership
- Subchapter S Corporation
- Corporation

Sign and notarize the form below, and, if necessary, complete the stockholder list below.

STOCKHOLDERS:

Name: The Colliers Group, Inc. Name: _____

Home Address: _____
666 Fifth Avenue _____
New York, NY 10103 _____

Name: _____ Name: _____

Home Address: _____

Name: _____ Name: _____

Home Address: _____


Subscribed and sworn before me this 22nd day of October, 2025



My Commission Expires:

NANCY HEFFERNAN
NOTARY PUBLIC
STATE OF NEW JERSEY
ID # 50069915
MY COMMISSION EXPIRES OCT. 12, 2027



(Affiant)

(Print name & title of affiant)
Craig Zeidman, Senior Principal
(Corporate Seal)



PLEASE EXECUTE THIS FORM & SUBMIT WITH THE RFP PACKAGE

NON-COLLUSION AFFIDAVIT

State of New Jersey

County of Monmouth

I, Craig Zeidman ~~residing~~ in Mount Laurel Township in the County of
(Name of Affiant) (Name of Municipality)

Burlington and State of New Jersey of full age, being duly sworn according to law on my oath depose and say that:

I am Senior Principal of the firm of Colliers Engineering & Design, Inc. the bidder making this Proposal
(Title or Position) (Name of Firm)

For the bid entitled 2026 Professional Services
(Title of Bid Proposal)

And that I executed the said proposal with full authority to do so that said bidder has not, directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above named project; and that all statements contained in said proposal and in the affidavit are true and correct, and made with full knowledge that the

Township of Barnegat relies upon the truth of the statements contained in said Proposal and

in the statements contained in this affidavit in awarding the contract for said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, except bona fide employees or bond fide established commercial or selling agencies maintained

By Colliers Engineering & Design, Inc.

Subscribed and sworn to me

Before this day October 22, 2025




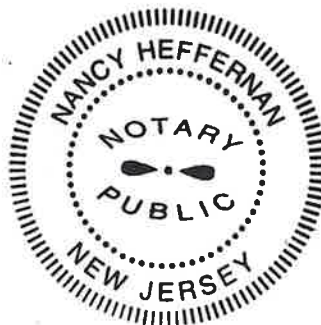
(Signature)

Craig Zeidman, Senior Principal
(Type or print name of affiant under signature)

Notary public of ng

My commission expires: 10 / 12 / 27 (Seal)


NANCY HEFFERNAN
NOTARY PUBLIC
STATE OF NEW JERSEY
ID # 50069915
MY COMMISSION EXPIRES OCT. 12, 2027



PLEASE EXECUTE THIS FORM AND SUBMIT WITH THE RFP PACKAGE

**N.J.S.A. 10:5-31 et seq. (P.L. 1975, C. 127) and N.J.A.C. 17:27
MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE
GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE 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 employments 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 contract 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 should 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 solicitation 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, where applicable, will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contract officer advising the labor union or workers' representative of the contractor's commitments under this act and should 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 afford equal employment opportunities to minority and women workers consistent with Good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2, or Good faith efforts to meet targeted county employment goals determined by the Division pursuant to 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, labor unions, that it does not discriminate on the basis of age, 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.

PLEASE EXECUTE THIS FORM AND SUBMIT WITH THE RFP PACKAGE

**N.J.S.A. 10:5-31 ET SEQ. (P.L. 1975, C.127) AND N.J.A.C. 17:27
MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE
GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS
(CONTINUED)**

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, 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 should 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

Employee Information Report Form AA-302

The contractor and its subcontractors should furnish such reports or other documents to the Division of Public Contract Equal Employment Opportunity Compliance as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies should furnish such information as may be requested by the Division of Public Contracts Equal Employment Opportunity Compliance for conducting a compliance investigation pursuant to Subchapter 10 of the Administrative Code at N.J.A.C. 17:27.

Submitted by: Colliers Engineering & Design, Inc.
(Name of Firm)

Name: Craig Zeidman
(Please type or print)

Signature: 

Title: Senior Principal

Date: 10 / 22 / 25

PLEASE EXECUTE THIS REQUIRED FORM AND SUBMIT WITH RFP PACKAGE

**EEO/AFFIRMATIVE ACTION COMPLIANCE NOTICE TO BIDDERS
N.J.S.A. 10:5-31 AND N.J.A.C. 17:27
GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS**

All successful bidders are required to submit evidence of appropriate affirmative action compliance to the County Division of Public Contracts Equal Employment Opportunity Compliance. During a review, Division representatives will review the County files to determine whether the affirmative action evidence has been submitted by the vendor/contractor. Specifically, each vendor/contractor should submit to the County, prior to execution of the contract, one of the following documents:

Goods and General Service Vendors

1. Letter of Federal Approval indicating that the vendor is under an existing federally approved or sanctioned affirmative action program. A copy of the approval letter is to be provided by the vendor to the County and the Division. This approval letter is valid for one year from the date of issuance.

Do you have a federally approved or sanctioned EEO/AA program? Yes ___ No X
If yes, please submit a photo copy of such approval.

2. A Certificate of Employee Information Report (hereafter "Certificate"), issued in accordance with N.J.A.C. 17:27-1.1 et seq. The vendor must provide a copy of the Certificate to the County as evidence of its compliance with the regulations. The Certificate represents the review and approval of the vendor's Employee Information Report, Form AA-302 by the Division. The period of validity of the Certificate is indicated on its face. Certificates must be renewed prior to their expiration date in order to remain valid.

Do you have a State Certificate of Employee Information Report Approval? Yes X No ___
If yes, please submit a photo copy of such approval.

3. The successful vendor should complete an Initial Employee Report, Form AA-302 and submit it to the Division with \$150.00 fee and forward a copy of the Form to the County. Upon submission and review by the Division, this report should constitute evidence of compliance with the regulations. Prior to execution of the contract, EEO/AA evidence must be submitted.

The successful vendor should complete an initial Employee Report (Form AA-302) on the Division website at www.state.nj.us/treasury/contract compliance.

The successful vendor(s) must submit the AA-302 Report to the Division of Public Contracts Equal Employment Opportunity Compliance, with a copy to Public Agency.

The undersigned vendor certifies that he/she is aware of the commitment to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27 and agrees to furnish the required forms of evidence.

The undersigned vendor further understands that his/her bid should be rejected as non-responsive if said contractor fails to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27.

Company: Colliers Engineering & Design, Inc.

Signature: 

Print Name: Craig Zeidman

Company: Colliers Engineering & Design, Inc.


Date: 10 / 22 / 25

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-2025 to 15-Jul-2028**



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


 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: 6/23/2025



**BARNEGAT TOWNSHIP
900 WEST BAY AVENUE
BARNEGAT, NJ 08005**



BIDDER'S CHECKLIST

The following checklist is provided for each bidder to check off documents submitted with their bid;

- A. Stockholders Disclosure Statement properly notarized listing stockholders or partners
Owning ten percent (10%) or more of corporation or partnership stock.
(Required)
- B. Non-Collusion Affidavit properly notarized. (Required)
- C. New Jersey Business Registration Certificate (BRC) (Required)
- D. Affirmative Action Evidence (Required)
- E. W-9 Form
- F. Authorized signatures on all forms.
- G. Request for Proposal for Professional Services Rate Sheet. (Required)



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: August 11, 2023

For Office Use Only:

20230811123927691

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

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

SIGNATURE
Cari Zaris
ACTING DIRECTOR

08/27/2024 TO 08/31/2026
VALID

24GA27986500
License/Registration/Certificate #

08/27/2024 TO 08/31/2026
VALID

24GA27986500
LICENSE/REGISTRATION/CERTIFICATION #

Leonardo E Ponzio
Signature of Licensee/Registrant/Certificate Holder

Cari Zaris
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

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. <input type="checkbox"/> Individual/sole proprietor <input checked="" type="checkbox"/> C corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> 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. <input type="checkbox"/> Other (see instructions) _____		
	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 _____ <input type="checkbox"/>		
	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) _____ <i>(Applies to accounts maintained outside the United States.)</i>		
	5 Address (number, street, and apt. or suite no.). See instructions. 101 Crawford's 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.

Social security number									
or									
Employer identification number									
2	2	-	2	6	5	1	6	1	0

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.

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 *Michelle Lyons*

Date **May 2, 2024**

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



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 #
INSURED Colliers Engineering & Design Inc 101 Crawfords Corner Rd, Suite 3400 Holmdel NJ 07733	COLLIENGIN4		INSURER A : National Union Fire Ins Co PittsburghPA INSURER B : Travelers Property Casualty Co of Amer INSURER C : New Hampshire Insurance Company INSURER D : Navigators Insurance Company INSURER E : INSURER F :	19445 25674 23841 42307

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	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab <input checked="" type="checkbox"/> XCU GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> 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	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			CUP1T66744425NF	3/1/2025	3/1/2026	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
C	<input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER 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 INSUREDS 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.

Proposed Exceptions (emailed to the Administrator November 10th as requested in the RFP)

16.0 INDEMNITY REQUIREMENTS

16.1 If a contract is awarded, the successful bidder should be required to indemnify and hold the Township of Barnegat harmless from and against all liability and expenses, including reasonable attorney's fees, howsoever arising or incurred, alleging damage to property or injury to or death of, any person to the extent caused by the bidder's negligent performance of the contract awarded.

Reason for Indemnity Exception: We kindly request that liability is limited to the percentage of fault to the extent that such losses, expenses, demands, actions and claims are due to the bidder's negligent performance.



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