

SUBMITTED BY:

CME ASSOCIATES
849 West Bay Avenue, Suite 16
Barnegat, New Jersey 08005
(732) 410-2650

2026 RFP PROFESSIONALS

**SEALED PROPOSAL
For the Position
of**

**TOWNSHIP AND WATER/SEWER
UTILITY POOL ENGINEER**

TO:

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

ATTENTION:

OFFICE OF THE MUNICIPAL CLERK

PROPOSAL DUE DATE:

Friday, November 21, 2025, before 11:00AM

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

CME Associates

1460 Route 9 South, Howell, NJ 07731

Company Name

Mailing address

Trevor J. Taylor, Senior Vice President

trevort@cmeusa1.com

732-462-7400

Primary contact

Email

Telephone

www.cmeusa1.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			
2	Conflict Township Attorney/Labor Counsel			
3	Water/Sewer Attorney			
4	Conflict Water/Sewer Attorney			
5	Township and Water/Sewer Utility Pool Engineer	✓		Program Manager \$219 per hour
6	Township Planner			
7	Township Auditor (Includes Water/Sewer Utility)			
8	Affordable Housing Administrative Agent			
9	Township Bond Counsel			

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

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



November 21, 2025

Ms. Donna Manno
Municipal Clerk
Township of Barnegat
900 West Bay Avenue
Barnegat, NJ 08005

Re: Request for Proposals for 2026 Professional Services - Letter of Interest for 2026 Township and Water/Sewer Utility Pool Engineer – Township of Barnegat, Ocean County, New Jersey

Dear Ms. Manno:

Thank you for the opportunity to present our qualifications for the position of 2026 Township and Water/Sewer Utility Pool Engineer for the Township of Barnegat. CME Associates, over the course of the firm's forty-two-year history, prides itself on our commitment to personal service and our ability to meet our clients' needs in an efficient and cost-effective manner. We possess the experience, staff, and qualifications to assist the Township in meeting their professional municipal engineering needs.

Our enclosed qualification package contains Township required forms, resumes of key personnel, a government client list with references, and our hourly rate schedule. Our staff has extensive experience in many facets of consulting services, including general municipal engineering services; traffic and transportation engineering; geotechnical engineering; water and wastewater engineering; waterfront development projects; planning and zoning board reviews; professional planning services including alternative energy, plan and streetscape designs, Master Plans, COAH Housing Element and Fair Share Plans, as well as subdivision and site plan ordinances; land surveying; environmental services including site remediation, wetlands and environmental permitting; redevelopment projects; various grant applications; landscape architecture and forestry services; parks and recreation planning and design; Geographic Information Systems (GIS); and construction administration. Our Professionals have a wealth of experience in Municipal Land Use Law (MLUL) and extensive knowledge of the various governing agencies' rules and regulations, including, but not limited to, the NJDEP, NJDOT and Pinelands Commission. CME Associates has seven offices in New Jersey (Howell, Parlin, East Brunswick, Berlin, Barnegat, Camden, and Cape May Court House). Our close proximity to the Township will enable us to provide a high level of service, immediate response to emergencies and coverage at all regular and/or special meetings. If selected, Laura J. Neumann, PE, PP, CME, CFM, Vice President, (lauran@cmeusa1.com), will be the Client Manager. Ryan MacNeill, PE, Program Manager, (rmacneill@cmeusa1.com), will provide the professional engineering services. He will be supported by a team of Professional Engineers, Land Surveyors, Certified Landscape Architects, GIS Technicians, Professional Planners, Environmental Scientists, and Traffic Engineers, who will assist in the provision of the required services to the Township.

We believe that our extensive experience, staff, and expertise, combined with our knowledge of Barnegat Township, uniquely qualifies us for this position. Thank you, again, for considering our firm for this position. Should you have any questions, please do not hesitate to contact us or visit our website at <http://www.cmeusa1.com>.

Very truly yours,
CME ASSOCIATES

Trevor J. Taylor, PE, PP, CME, CFM
Senior Vice President

TJT/lis

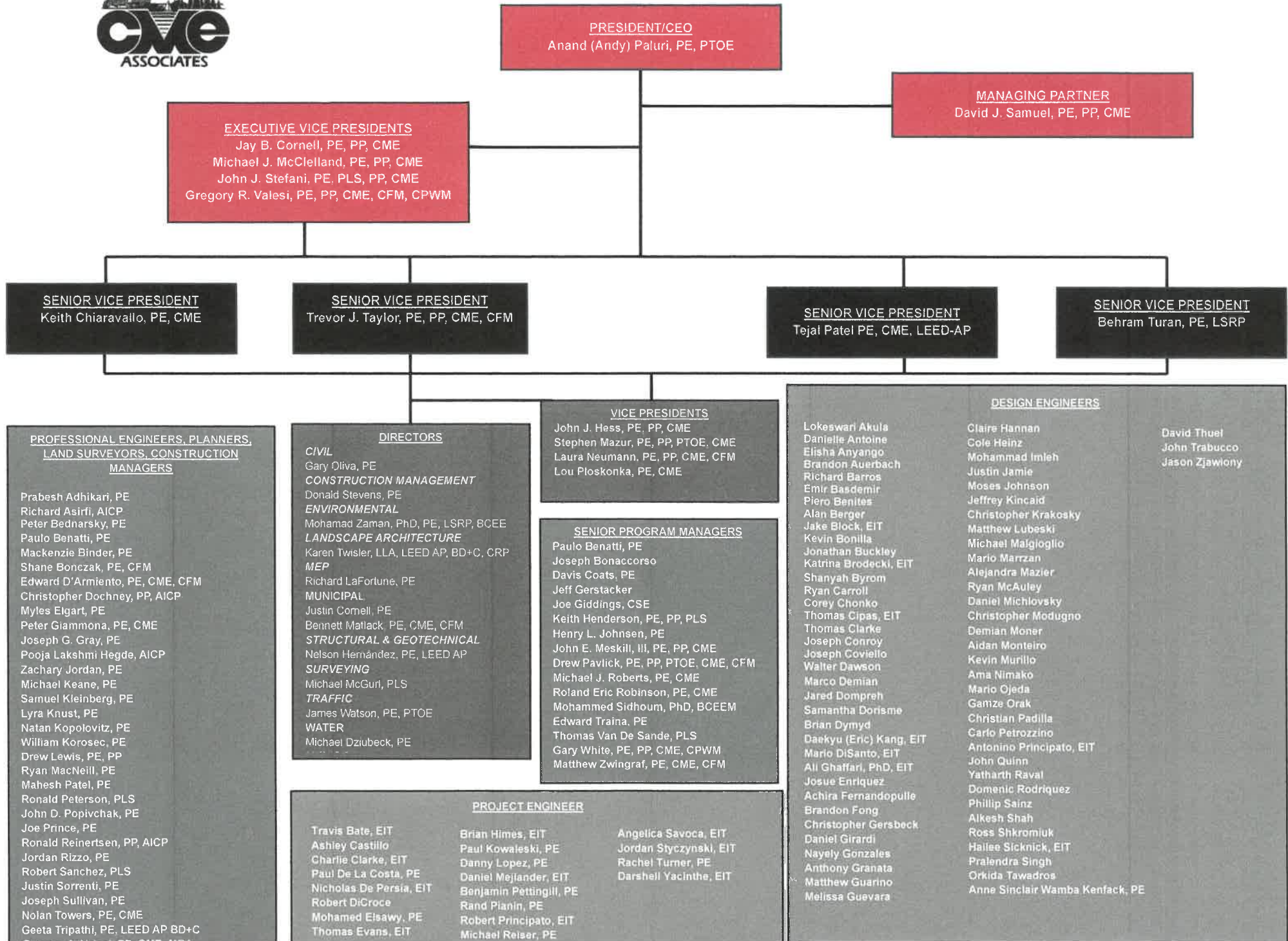
CONSULTING AND MUNICIPAL ENGINEERS LLC

NJ CERTIFICATE OF AUTHORIZATION NO. 24GA28359000

Barnegat • Berlin • Camden • Cape May Court House • East Brunswick • Howell • Parlin



ORGANIZATION OF CME ASSOCIATES





We are pleased to share exciting news about the future of our organization and what it means for you. Next year, **Consulting Municipal Engineers (CME)**, **Naik Consulting Group (Naik)**, and **Churchill Consulting Engineers (Churchill)** will begin combining our operations under an operating entity called, **Artheon, Inc. (Artheon)**. This combination allows the companies to provide consolidated and enhanced services across New York and New Jersey.

What This Means for You

- Your projects, teams, and points of contact will remain the same.
- The quality and responsiveness you expect will continue without disruption.
- CME will remain a legal entity in the interim as we gradually complete contractual transitions, but all employees are expected to officially become part of Artheon on January 1, 2026.
- The completion of the combinations will provide a deeper pool of resources and more expertise.

Throughout this transition, we will work closely with you to ensure every contract, communication, and collaboration proceeds smoothly.



Artheon is more than just a name; it reflects who we are and where we are headed. Rooted in “Art” and “Theon” (meaning *Strength* and *Form*), Artheon embodies the balance of thoughtful design and enduring strength — *the art and science of building the systems that move people, connect communities, and sustain the future.*

This combination represents the natural evolution of three firms with shared values, complementary expertise, and a collective commitment to improving the communities we serve. Together, we bring deeper resources, broader capabilities, and expanded geographic reach — while preserving the same trusted relationships and high-quality service you come to rely on.

Our Mission

At Artheon, our mission remains steadfast:

Deliver transformative infrastructure solutions that strengthen communities, drive sustainable growth, and accelerate our people’s careers — combining local knowledge with national expertise.

Thank you for your continued trust and partnership. We are proud to carry forward the legacy of CME, Naik, and Churchill into this next chapter as **Artheon** — *built on legacy, driven by purpose.*

QUALIFICATIONS FOR PROFESSIONAL SERVICES

Professional Engineering • Planning Services • Environmental • Construction Services • Land Surveying • Landscape Architecture



Consulting & Municipal
ENGINEERS

Cover Letter

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SECTION 1 | INTRODUCTION

FIRM PROFILE

Founded in 1983, CME Associates (CME) has long been a cornerstone of civil and environmental engineering in New Jersey. Headquartered in East Brunswick, CME has grown to encompass over 600+ professionals across nine offices in New Jersey and New York. With core services spanning civil, environmental, structural, geotechnical, highway engineering, traffic engineering, MEP, planning, landscape architecture, GIS, and surveying, CME is known for delivering comprehensive solutions to public and private clients alike. The company is currently on a strategic growth trajectory, expanding its capabilities to deliver greater value to the communities it proudly serves. In 2024, CME welcomed Churchill Consulting Engineers (Churchill), a firm with a strong reputation for excellence in construction management and inspection services. In 2025, the expansion continued with the acquisition of Naik Group (Naik), recognized for its technical expertise and diverse portfolio of infrastructure projects. These milestones are not just about growth in size, they represent a deliberate investment in people, resources, and expertise that enable CME to provide a broader range of high-

quality, community-focused engineering solutions. By bringing together their proven track records and specialized skills of Churchill and Naik with CME's established foundation, the firm has created a powerful platform to address today's most pressing infrastructure challenges. This integration strengthens CME's ability to deliver innovative and efficient solutions that reflect the needs, priorities, and vision of the communities we serve from complex transportation projects to essential municipal improvements, CME's expanded team is equipped to lead projects from concept through completion with a commitment to excellence and a deep understanding of community impact. Today, CME, Churchill, and Naik stand united as a team working collaboratively to shape resilient, efficient, and people centered infrastructure throughout New Jersey and New York. This momentum reflects a legacy of growth, partnership, and technical leadership defining CME as not only an industry leader but also a trusted partner dedicated to building stronger, more connected communities for generations to come.



OFFICE LOCATIONS

HEADQUARTERS

1 Tower Center Blvd., 20th Floor
East Brunswick, NJ 08816
P: 732.951.2101

CAMDEN

1 Market Street Suite 1F
Camden, NJ 08102
P: 732.410.2651

HOWELL

1460 Rt. 9 South
Howell, NJ 07731
P: 732.462.7400

BARNEGAT

849 West Bay Ave., Suite 16
Barnegat, NJ 08005
P: 732.410.2650

CAPE MAY COURT HOUSE

211 Bayberry Drive, Suite 1D
Cape May Court House, NJ 08210
P: 609.645.3333

PARLIN

3141 Bordentown Ave.
Parlin, NJ 08859
P: 732.727.8000

BERLIN

344 N. Route 73, Suite A
Berlin, NJ 08009
P: 856.767.6901

EDISON

200 Metroplex Drive, Suite 403
Edison, NJ 08817
P: 732.777.0030

NEW YORK

111 West 33rd Street, Suite 605
New York, NY 10120
P: 212.575.2701



FIRM LEADERSHIP

CME's leadership team is defined by its depth of experience and its ability to translate vision into action. With decades of combined expertise spanning engineering, planning, construction management, and infrastructure delivery, they provide both strategic direction and hands-on guidance. Their leadership was instrumental in successfully integrating Churchill Consulting Engineers and Naik Group, strengthening CME's technical capabilities while preserving its client-focused culture. What sets this team apart is

their commitment to collaboration, mentorship, and fostering an environment where professionals thrive. They balance technical excellence with an understanding of community priorities, ensuring projects are not only well-executed but also meaningful in their impact. United in purpose, CME's leaders continue to cultivate a culture of accountability, innovation, and partnership that drives the firm forward and supports the long-term success of its clients and communities.



**PRESIDENT/
CHIEF EXECUTIVE OFFICER**
Anand (Andy) Paluri, PE, PTOE



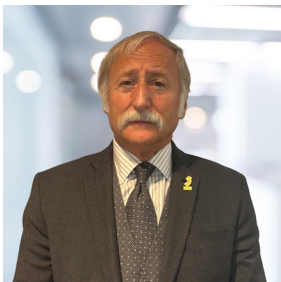
MANAGING PARTNER
David J. Samuel, PE, PP, CME



EXECUTIVE VICE PRESIDENT
Robert L. Churchill, PE, PP, CME



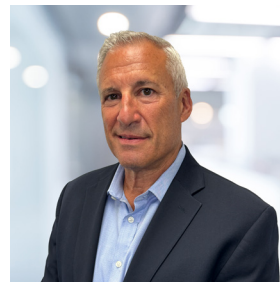
EXECUTIVE VICE PRESIDENT
Jay B. Cornell, PE, PP, CME



EXECUTIVE VICE PRESIDENT
Michael J. McClelland, PE, PP, CME



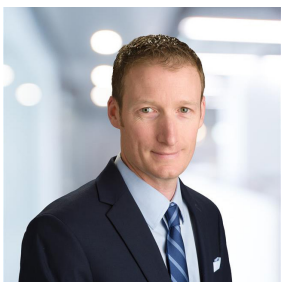
EXECUTIVE VICE PRESIDENT
Sanjay Naik, PE



EXECUTIVE VICE PRESIDENT
Gregory R. Valesi, PE, PP, CME, CFM



SENIOR VICE PRESIDENT
Keith Chiaravallo, PE, CME



SENIOR VICE PRESIDENT
James J. Mellett, PE, CFM



SENIOR VICE PRESIDENT
Tejal Patel, PE, CME, LEED-AP



SENIOR VICE PRESIDENT
Trevor J. Taylor, PE, PP, CME, CFM



SENIOR VICE PRESIDENT
Behram Turan, PE, LSRP



SECTION 2 | RESUMES OF KEY STAFF

At CME, our strength begins with our people. Each member of our team brings exceptional technical expertise, forward-thinking perspective, and a genuine commitment to our clients' goals. We don't just design infrastructure, we build partnerships, serving as trusted advisors throughout every stage of a project. Our professionals are recognized not only for their skill as engineers, planners, project

managers, construction inspectors, and technical specialists, but also for the dedication, responsiveness, and insight they bring to every challenge. This combination of talent, collaboration, and client focus is what sets CME apart and drives our continued success. The resumes of following staff members have been included:

CHIEF EXECUTIVE OFFICER

Anand (Andy) Paluri, PE, PTOE

MANAGING PARTNER

David J. Samuel, PE, PP, CME

EXECUTIVE VICE PRESIDENTS

Robert L. Churchill, PE, PP, CME

Jay B. Cornell, PE, PP, CME

Michael J. McClelland, PE, PP, CME

Sanjay Naik, PE

Gregory R. Valesi, PE, PP, CME, CFM

SENIOR VICE PRESIDENTS

Keith Chiaravallo, PE, CME

James J. Mellett, PE, CFM

Tejal Patel, PE, CME, LEED-AP

Trevor J. Taylor, PE, PP, CME, CFM

Behram Turan, PE, LSRP

VICE PRESIDENTS

John Hess, PE, PP, CME

Bruce M. Koch, PE, PP, CME

Stephen Mazur, PE, PP, PTOE, CME

Laura Neumann, PE, PP, CME, CFM

Lou Ploskonka, PE, CME

DIRECTORS

Justin Cornell, PE, CME

Michael Dziubeck, PE

Nelson Hernández, PE, LEED® AP

Richard Lafortune, PE

Bennett Matlack, PE, CME, CFM

Michael McGurl, PLS, CFS

Gary Oliva, PE

Donald Stevens, PE

Karen Twisler, PLA, LEED® AP BD+C, CPRP

James Watson, PE, PTOE

SENIOR PROGRAM MANAGERS

Paulo Benatti, PE

Joseph Bonaccorso S-4, C-4, N-4

David Coats, PE

Jeffrey Gerstacker

Joseph A. Giddings, CSE

Keith Henderson, PE, PP, PLS

Henry Johnsen, PE

John Meskill, PE, PP, CME

Drew Pavlick, PE, PP, PTOE, CME, CFM

Michael Roberts, PE, CME

Roland Eric Robinson, PE, CME

Mohammed Sidhoum, Ph.D., BCEEM

Edward Traina, PE

Thomas Van de Sande, PLS, CPSI

Gary White PE, PP, CME, CPWM

Matthew Zwingraf, PE, CME, CFM

ANAND (ANDY) PALURI, PE, PTOE

PRESIDENT/CHIEF EXECUTIVE OFFICER



EDUCATION/CERTIFICATIONS

Andhra University,
B.E., Civil Engineering, 1984

Clarkson University
M.S., Transportation Systems Engineering, 1987

New Jersey Professional Engineer
License No. 24GE04606100

New York Professional Engineer
License No. 083899

Pennsylvania Professional Engineer
License No. PE054276E

Professional Traffic Operations Engineer (PTOE)

PROFESSIONAL AFFILIATIONS:

- Institute of Transportation Engineering (Past-President and Executive Board Member)
- American Council of Engineering Companies (ACEC/NJ) Executive Committee Member - Secretary American Society of Civil Engineers
- Intelligent Transportation Systems America
- North American Traffic Monitoring Council (NATMC)
- Association of Pedestrian and Bicycle Professionals (APBP)

GENERAL EXPERIENCE:

Andy joined CME with over 38 years of experience in transportation, water, environment, properties and buildings, and energy business sectors in the NY, NJ, and PA areas. He is well-versed in planning, design, and construction management of infrastructure projects of all sizes. He previously served as the Mid-Atlantic District Manager for a large international Infrastructure firm. He played a key leadership role in growing the district and making it one of the company's most efficient and profitable operations. He is affiliated with several professional, social, civic, and charitable organizations. He has served in leadership roles such as President of ITE Metropolitan Section and currently serves as a Member of the ACEC NJ Executive Committee.

TRANSPORTATION:

Mr. Paluri's technical experience includes working on concept development, environmental studies and design projects related to bridges, roadway and highway corridors, local streets, pedestrian and bicycle facilities, parking, transit, toll plazas, ports and airports. He led several Transit Projects, including the Hudson-Bergen Light Rail Extension, Development of NJ Transit Capital Plan, Newark Penn Station Improvements and various station improvements. He also led the PANYNJ Airport Capacity Improvement Study to increase passenger services at EWR, JFK, and LGA. He has experience in developing plans and designs by using the principles of Context Sensitive Design and effectively coordinating projects with stakeholders and general public. As a Project Manager, he has a successful track record in coordinating projects with multitude of clients and interested parties on schedule and within budget. He has a demonstrated ability to move projects forward by pro-active engagement.

PROJECT EXPERIENCE:

- Preliminary Engineering and Environmental Studies for the Widening of the New Jersey Turnpike between Interchanges 6 to 9, NJ (NJTA)
- Goethals Bridge/I-278 and US Route 1&9 Interchange Ramps Concept Development Study, Union County, NJ (PANYNJ and NJDOT)
- Concept Development, Feasibility Analysis and Preliminary and Final Design of Atlantic City Expressway (ACE) Direct Connection to Atlantic City International Airport, NJ (SJTA)
- Rehabilitation of the Spruce Street Bridge over the Passaic River, Paterson, NJ (Passaic County)
- Route 22 Sustainable Corridor, Long Term Improvements, Somerset County, NJ
- University Place Office Park Traffic Impact Analysis (TIA), Durham, NC
- U.S. Department of Justice, Federal Bureau of Prisons, Prison Facility Traffic Impact and Access Study, multiple existing and new facilities in: NC, KY, PA, CA, NH and HI
- Construction Inspection Services along West Side Highway, NY, for nighttime construction inspection services for the installation of two six-foot water intake pipes into the World Trade Center buildings.
- 4th Ward Parking Capacity, Operations and Forecasting Study, East Orange, NJ

PUBLICATIONS:

- "High Price of Parking," TransAction Conference, Atlantic City, NJ
- "Transportation Corridor Management Plan, a Case Study," ITE 2002 Annual Conference, Atlantic City, NJ
- "South Jersey Transportation Authority - Five Point Energy Management Plan," TransAction Conference, Atlantic City, NJ
- "Balancing Transportation Systems with Community Expectations," ITE 2005 Annual Conference, Melbourne, Australia
- "A Methodology to Evaluate Design Consistency on Two-Lane Rural Highways," World Road conference, Seoul, South Korea

AWARDS:

Mr. Paluri has been honored by several professional organizations, including: the American Council of Engineering Companies (ACEC-NJ); Jewish Family Services of Middlesex County - Community Leadership Award; and the American Society of Civil Engineers - Excellence in Management Award.

EXPERIENCE:

Engineering Experience: Over 38 years

DAVID J. SAMUEL, PE, PP, CME MANAGING PARTNER



EDUCATION/CERTIFICATIONS

Newark College of Engineering
B.S., Civil Engineering, 1974

New Jersey Professional Engineer
License No. 25838

New Jersey Professional Planner
License No. 2455

Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 058

Certified Public Works Manager
NJ Certification No. M0459

PROFESSIONAL AFFILIATIONS:

- American Society of Civil Engineers
 - New Jersey Society of Civil Engineers
 - American Water Works Association
 - New Jersey Society of Municipal Engineers
 - New Jersey Recreation & Park Association
 - Water Environment Federation
 - Association of Environmental Authorities
 - Chi Epsilon
-

GENERAL EXPERIENCE:

For more than 46 years, Mr. Samuel has served in the capacity of Municipal Engineer, Consulting Engineer and Authority Engineer for various counties, municipalities, and improvement and utility authorities. He has provided: municipal engineering services; project supervision of design and construction administration of capital projects; public / private partnership of water and wastewater utilities; engineering oversight of county-wide recycling program; professional testimony; planning board and zoning board of adjustment consultant services; environmental services; and engineering evaluations and management studies.

Currently, Mr. Samuel is named the Municipal Engineer for the Borough of South River, Borough of Highland Park, Borough of Sayreville, Township of Plainsboro, Township of Aberdeen, Township of South Brunswick, and the City of Bayonne. He is also the Consulting Engineer for the Township of North Brunswick, Township of Monroe, Township of Woodbridge, the Middlesex County Improvement Authority, the Joint Meeting of Essex & Union Counties, and the Jersey City Municipal Utilities Authority. He also currently serves as the Water Engineering Consultant for the Old Bridge Municipal Utilities Authority.

EDUCATION/RECREATION FACILITIES:

Mr. Samuel has served as Consulting Engineer to various Boards of Education and other agencies for a full range of athletic and recreational projects that include: feasibility studies; infrastructure upgrades; natural and artificial turf fields; level playing fields; rubberized running tracks; tennis and basketball courts; and site improvement facilities including lighting, drainage, landscaping, circulation roadways and parking lots. Mr. Samuel has also been involved in construction management projects, feasibility studies, and assorted other projects for educational facilities.

WATER / WASTEWATER FACILITIES:

Mr. Samuel has provided engineering services for a wide range of potable water, wastewater, and hydraulic projects including: feasibility studies; master plans; design; permitting and/or construction management of such projects.

TRANSPORTATION ENGINEERING:

Mr. Samuel has provided traffic and transportation engineering services to various clients for projects ranging in scope from minor roadway improvements to major highway related work. Projects include: roadway evaluations and capital master planning; intersection review and designs for various counties and municipalities; roadway reconstructions; traffic counts and analysis; and the design and construction administration of major roadways, including four-lane divided highways and grade separated intersections. Noteworthy projects include services as performed for the Garden State Parkway and New Jersey Turnpike Authority for their high-speed E-Z Pass toll facilities, inspection of bridges, sign structures and high mast light poles as well as the inspection of construction of the Driscoll Bridge.

REDEVELOPMENT:

As a result of the high cost of real estate and the shortage of land, Mr. Samuel has been involved in the planning, design and implementation of multiple redevelopment projects in the Borough of Sayreville, Borough of Carteret, City of South Amboy, Township of Aberdeen, Town of Morristown, City of Perth Amboy, the Borough of Dunellen, and other locations. Mr. Samuel's experience and participation has been instrumental in the municipalities' realization of their redevelopment goals.

AWARDS:

During Mr. Samuel's career, he has received awards from the American Public Water Works Association, the Robert B. Kinsey Memorial Award Foundation (NJRPA), the Ruth Hughes Innovative Accessible Recreation Facility Award, and more than thirty (35) awards from the New Jersey Society of Municipal Engineers for his design and/or construction management excellence.

EXPERIENCE:

Engineering Experience: Over 46 years

ROBERT L. CHURCHILL, PE, PP EXECUTIVE VICE PRESIDENT



EDUCATION/CERTIFICATIONS

B.S., Civil Engineering. University of Vermont, 1984

Drexel University, Courses in Urban Systems and Structural Design, Philadelphia, PA 1986-1987

NJ Society of Professional Engineers Underground Storage Tanks Training Course, 1991

Princeton Course, Groundwater Pollution & Hydrology, 1989

New Jersey Professional Engineer
License No.33421

New Jersey Professional Planner
License No. 4015

Certified Asphalt Pavement Construction Inspector

NJDEP UST Certification

GENERAL EXPERIENCE:

Mr. Churchill has over 30 years of experience and serves as Executive Vice President and QA/QC Manager for many roadway design and construction projects throughout New Jersey, including the New Jersey Turnpike Authority's limits access highways and the NJDOT's state highway network as well as for various county and local highway projects. Robert's project experience includes the planning and design of various municipal and county public works facilities, including bridges, roadways, parks and recreational areas, drainage, and stormwater management.

MUNICIPAL SERVICES:

Guiderail Warrant Analysis and Design for 6 Minor County Bridges, Camden County; QA/QC Manager for the guiderail warrant analyses and design project that included, inspecting each structure, determining the location of the new guiderail, and investigating the feasibility of installing non-vegetative HMA surface under the installed guiderail. Each guiderail design was unique, in that the project consisted of multiple structure types. The structures included 2 single cell concrete box culverts with concrete railing, a two-cell pipe culvert with concrete headwalls, a single cell steel pipe arch with reinforced concrete headwalls, a single-cell pipe culvert with no headwall adjacent to the roadway, and a single-span timber glu-lam bridge with timber railing. For each structure, a topographic ground survey was performed, and a base map was prepared to be used for the construction plans. Responsible for overseeing the overall quality of work and performing final approval of the project. Reference: Camden County, Jim Winckowski, PE, CME (856) 382-2699

Kingwood Road over Locketong Creek Bridge Replacement, Hunterdon County; QA/QC Manager for the design of this bridge replacement project. This project required an accelerated design since the existing steel truss structure had collapsed as a result of an overweight vehicle. The design incorporated a new steel truss structure which replaced the existing steel truss structure as well as a culvert approximately 150' beyond the bridge. Responsible for overseeing the overall quality of work performed and final approval of the project. Reference: Hunterdon County, Thomas Mathews (908) 788-1227

Carter Road over Shipetaukin Creek Bridge Reconstruction, Mercer County; QA/QC Manager responsible for project oversight including survey and ROW engineering services and production of required. Reference: Mercer County, Basit A. Muzaffar, PE (609) 989-6600

Cherry Valley Road over a Branch of Beden's Brook Bridge Replacement, Mercer County; QA/QC Manager for the bridge replacement of this structurally deficient bridge located in Princeton Township, Mercer County and Montgomery Township, Somerset County. The project involved the reconstruction of a two-lane road that crosses a Branch of Beden's Brook. Responsible for overseeing the overall quality of work performed and final approval of the project.

Reference: Mercer County, Basit A. Muzaffar, PE (609) 989-6600

Blackwood-Barnsboro Road over Mantua Creek Bridge Replacement, Gloucester County; QA/QC Manager for the overall bridge replacement and roadway widening design for this structurally deficient bridge. The replacement structure was a single span the 45' steel multi-Stringer structure. This project involved complex maintenance and protection of traffic during 3 stages of construction. Responsible for overseeing the overall quality of work performed and final approval of the project.

Reference: Gloucester County, Barry C. Beckett PE (856) 307-6600

Causeway Road (CR 623) over Stow Creek Bridge Rehabilitation Design, Cumberland County; QA/QC Manager for the design and rehabilitation of the Causeway Bridge (CR 623) over Stow Creek (Bridge No. 0600-003) located in Stow Creek Township and Lower Township, Cumberland County, New Jersey. This bridge rehabilitation project consisted of the design of jackets for the timber piles, timber pile cross bracing, abutment and wingwall repairs, guiderail upgrades and approach roadway repairs. Responsible for overseeing the overall quality of work performed and final approval of the project.

Reference: Cumberland County, Doug Whitaker (856) 453-2192

Kings Highway over Mannington Creek Bridge Replacement Design, Salem County; QA/QC Manager for the replacement of Bridge No. 1700-573 located in Mannington, Salem County. The original 3-span structure was replaced with a longer single span precast concrete arch structure supported on a pile supported reinforced concrete foundation. Responsible for overseeing the overall quality of work performed and final approval of the project. Reference: Salem County, James McKelvie, PE, CME (856) 935-7510 x8549

Tomlin Station Road (CR 607) Bridge Replacement, Gloucester County; QA/QC Manager for the construction management and inspection services for the replacement of County Bridges 0803-E01 and 0803-E09 on Tomlin Station Road (CR 607). Both existing structures were replaced with new precast/prestressed concrete beam structures with pile supported reinforced concrete abutments and wingwalls. The project also involved reconstruction of the approach roadway and roadside safety facilities, including milling and resurfacing of the roadway, guiderail, traffic striping and appurtenances.

Reference: Gloucester County, Barry C. Beckett PE (856) 307-6600

EXPERIENCE:

Engineering Experience: Over 30 years

JAY B. CORNELL, PE, PP, CME EXECUTIVE VICE PRESIDENT



EDUCATION/CERTIFICATIONS

Rutgers University
B.S., Civil Engineering, 1983

New Jersey Professional Engineer
License No. 32962

New Jersey Professional Planner
License No. 3874

Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 0174

EXPERIENCE:

Engineering Experience: Over 40 years

PROFESSIONAL AFFILIATIONS:

- Tau Beta Honor Society
 - Chi Epsilon Honor Student
 - American Society of Civil Engineers
 - New Jersey Society of Municipal Engineers
-

GENERAL EXPERIENCE:

Municipal engineering services; construction administration of municipal public works projects; construction inspection and surveying; Planning Board and Zoning Board review services.

Design of roadway improvements, street intersections, noise barriers, storm drainage improvements, coordination of underground storage tank removal, and roadway system master plans.

Design of parks and recreation improvements, athletic fields, tot lots and skate parks.

Design of sanitary sewage collection systems, pumping stations, force mains, sanitary sewer lines and wastewater collection system master plans.

Design of water lines, pumping stations, water storage tanks and water distributions system master plans.

MUNICIPAL ENGINEERING SERVICES:

Municipal Engineering representative to Governing Bodies, Planning Board and Zoning Board. Experience includes the design and construction administration of Municipal capital projects and coordination/observation of development projects on behalf of Municipalities. Experience also includes site plan and subdivision review for Planning and Zoning Boards, preparation of grant applications in accordance with requirements of funding agencies, day to day coordination of municipal projects and review of resident complaints. Currently Mr. Cornell is responsible for providing Municipal Engineering Services to the Borough of Sayreville and the Township of South Brunswick.

Day to day coordination of municipal projects and review of resident complaints.

MICHAEL J. MCCLELLAND, PE, PP, CME EXECUTIVE VICE PRESIDENT



EDUCATION/CERTIFICATIONS

New Jersey Institute of Technology
B.S., Civil Engineering, 1986

New Jersey Professional Engineer
License No. 32468

Pennsylvania Professional Engineer
License No. PE085341

New Jersey Professional Planner
License No. 3770

Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 0117

Certified Public Works Manager
Certificate No. M0458

PROFESSIONAL AFFILIATIONS:

- American Society of Civil Engineers
- American Water Works Association
- New Jersey Society of Municipal Engineers

GENERAL EXPERIENCE:

Traffic and Transportation Engineering: Analysis, preparation of reports, design, specifications, permits, and construction administration for various traffic related projects including major and minor road and highway construction and/or reconstruction, bridges, traffic circulation and control, signage, striping, and intersection signalization and improvements.

MUNICIPAL SERVICES:

Municipal engineer representative to governing bodies, planning boards and boards of adjustment; subdivision and site development reviews and observation of construction; design and construction administration of various municipal capital projects including: Municipal Electrical System Improvements, parks and recreation facilities improvements; storm water management facilities; traffic and transportation facilities, potable water and wastewater facilities and master plans; feasibility reports; and assistance in preparation of capital budgets.

Water and Wastewater System Master Planning, Hydraulic, hydrologic and sanitary sewer analysis, design and project supervision of potable water systems, including supply storage, treatment and distribution piping and booster pumping stations, and of wastewater systems including collection, transportation and pumping systems; preparation of facilities plan element for federally funded wastewater collection system. Preparation of grant and/or loan applications for various types of projects in accordance with requirements of funding agencies including I-Bank, NJDEP, EPA, HUD, DOT, FAUS and Green Acres.

Coordination with regulatory agencies and preparation of applicable permit applications, including NJDEP Land Use Permits, waterfront development, air pollution control, sewer extension, potable water facilities modifications, Army Corps of Engineers, and other regulatory permits and approvals.

With more than 46 years' experience in all facets of civil engineering, Mr. McClelland is responsible for providing municipal engineering services and consulting engineering services to various counties, municipalities, and Authorities. Currently he is the primary contact for the Townships of North Brunswick, Woodbridge, Aberdeen, Plainsboro, Old Bridge, East Brunswick, and Piscataway, the Boroughs of Edgewater, Milltown, and Dunellen, the Cities of Newark, East Orange, Rahway and Linden, as well as the Counties of Middlesex, Bergen, Monmouth, Salem, Union, and Gloucester.

Authorities include, the Old Bridge Municipal Utilities Authority, the Jersey City Municipal Utilities Authority, the Franklin Township Sewerage Authority, the Brick Township Municipal Utilities Authority, the Township of Ocean Sewerage Authority, and the Berkeley Township Municipal Utilities Authority.

EXPERIENCE:

Engineering Experience: 40 years

SANJAY NAIK, PE EXECUTIVE VICE PRESIDENT



EDUCATION/CERTIFICATIONS

New Jersey Institute of Technology
B.S., Civil Engineering, 1986

New Jersey Professional Engineer
License No. 38201

New York Professional Engineer
License No. 074349-01

Pennsylvania Professional Engineer
License No. PE053940

GENERAL EXPERIENCE:

Mr. Naik brings over 40 years of experience in the administration, management, design, and construction of complex civil and transportation engineering projects. His career is distinguished by a balanced blend of design and construction expertise across both public and private sectors.

He has led alternative analyses, feasibility studies, and the preparation of construction documents for multidisciplinary projects. His technical background includes geometric design, drainage, and structural engineering; Right-of-Way document preparation; traffic engineering; utility coordination; complex Maintenance and Protection of Traffic (MPT) plan development; environmental permitting; and the preparation of detailed cost estimates and technical specifications.

Mr. Naik's construction experience spans all phases of heavy highway and bridge construction, including complex deck reconstruction, structural steel repairs, bridge painting, and staged construction on high-volume roadways. He has provided expert leadership in post-design services, constructability reviews, construction management, dispute resolution, and contract administration. His constructability insights—gained through hands-on involvement in numerous in-house design projects—have been instrumental in minimizing construction delays and claims. These reviews have addressed staging area availability, construction sequencing, MSE wall and foundation constructability, utility relocations, equipment access and movement, Primavera scheduling, and market-aligned cost estimating.

Mr. Naik has contributed to the successful delivery of large-scale highway, railroad, airport, and facility infrastructure projects. His responsibilities have included planning and implementing traffic staging and utility relocation programs, as well as developing designs for highway alignment, drainage systems, and Right-of-Way acquisitions. He is also experienced in project scheduling, budgeting, permitting, client relations, and stakeholder coordination.

MUNICIPAL SERVICES:

Burlington County, Preliminary Engineering and Final Design for Salt Shed Replacement at Four Burlington County Facilities, Burlington County, NJ: Responsible for construction plans, specifications, permits, and bid documents for the installation of new lighted salt sheds at selected open areas and for the removal of existing salt sheds at each facility. Each new salt shed was designed with a concrete floor and lighting, with no additional site improvements included, per the County's request. Conducted survey mapping for each site, including wetlands delineation where applicable. NJDEP Pinelands permitting was required for the Section 1 and Section 5 facilities, as they are located within Pinelands jurisdiction. The Section 3 facility, which contains wetlands within 150 feet of the property, required a NJDEP General Permit, depending on the final location of the new salt shed. Soil borings were performed at

each site to support geotechnical and foundation design, as well as to satisfy NJDEP and Pinelands permitting requirements. (2025) Project is currently in construction.

Edison Township, Force Main Sewer System Inspection Program, Edison, NJ: Overseen the inspection of the force main sewer system as part of a township-wide infrastructure improvement initiative led by the Edison Township Water and Sewer Utility. The program focuses on the inspection and maintenance of a complex wastewater collection system comprising approximately 300 miles of gravity sewers, 7,000 manholes, and 11.5 miles of force mains connected to 21 pump stations. Responsibilities include developing a comprehensive bid package for the force main inspections, incorporating technical specifications, township standards, as-built plans, and detailed location maps to support project implementation and procurement. (2025-Present)

Piscataway Township, Dunn Avenue Culvert Replacement, Piscataway, NJ: Provided comprehensive engineering services for the replacement of the Dunn Avenue culvert in Piscataway. The project includes replacing the existing RCP pipe to establish a consistent 30-foot cartway, along with new sidewalks and Belgian block curbs on both sides to improve pedestrian safety. Scope includes full design services, environmental permitting with the NJDEP (wetlands, stormwater, and flood hazard), and hydrologic/hydraulic analysis for drainage design. The firm is also coordinating with utility owners to resolve conflicts with proposed infrastructure. Traffic control and detour plans are being developed in collaboration with the Piscataway Police Department. Naik will continue to provide design support throughout construction to ensure compliance with final plans and specifications. (2024-Present)

Piscataway Township, Replacement of Hancock Road Culvert, Piscataway, NJ: Delivered comprehensive engineering services for the replacement of the Hancock Road culvert in Piscataway. The project scope includes full roadway and bridge design, encompassing construction plans, typical sections, roadway profiles, grading and drainage plans, soil erosion and sediment control plans, detour plans, and signing and striping layouts. While also conducting a complete Hydrologic and Hydraulic (H&H) analysis to support the culvert and drainage system design, ensuring compliance with applicable regulatory and safety standards. (2023-Present)

South Brunswick Township, Roadway Improvement to Beekman Road, South Brunswick, NJ: Responsible for pathway improvements along approximately 4,200 linear feet of roadway. The scope included evaluating existing and proposed conditions using HydroCAD to assess the impact of additional impervious surfaces. Coordinated with a geotechnical subconsultant to analyze site conditions prior to designing a 24-inch perforated HDPE drainage pipe. Services also included preparation of design plans, specifications, cost estimates, and profiles. Quality control and assurance were performed throughout the project to ensure compliance with both internal and client standards. (2022-2023)

EXPERIENCE:

Engineering Experience: Over 40 years

GREGORY R. VALES, PE, PP, CME, CFM, CPWM

EXECUTIVE VICE PRESIDENT



EDUCATION/CERTIFICATIONS

Rutgers University
B.S., Civil Engineering, 1983

New Jersey Professional Engineer
License No. 34458

New Jersey Professional Planner
License No. 4361

New Jersey Society of Municipal Engineers
Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 452

New Jersey Certified Floodplain Manager
Certification No. US-14-07709

New Jersey Certified Public Works Manager
Certification No. M-1842

PROFESSIONAL AFFILIATIONS:

- American Society of Civil Engineers
- National Society of Professional Engineers
- New Jersey Society of Municipal Engineers

GENERAL EXPERIENCE:

Responsible for the planning, design and project management of various Public Works and site development projects throughout central and southern New Jersey.

Actively oversees the preparation and coordination of plans, specifications and applications to various Municipal, County, State and Federal government permitting agencies.

Design experience includes preparation of roadway improvement plans, park and recreation plans, site development and subdivision plans, flood hazard area permit plans, soil erosion and sediment control plans; design and analysis of stormwater management facilities, preparation of drainage plans, water distribution systems, design of sanitary sewer facilities and design of individual subsurface disposal systems.

Coordination with regulatory agencies and preparation of various permit applications including CAFRA, Flood Hazard Area Encroachment, Statewide General Permits, Transition Area Waivers, Treatment Works approvals and other regulatory permits and approvals.

MUNICIPAL SERVICES:

Mr. Valesi provides a variety of municipal engineering services to a diverse client base. While providing services as a consultant to municipalities, he has been responsible for the daily activities of Municipal Engineer, Planning Board Engineer and Zoning Board of Adjustment Engineer. General Municipal consulting experience includes, but is not limited to, site plan and subdivision reviews, preparation of grant applications in accordance with requirements of funding agencies, planning, design and construction administration of municipal capital projects and coordination /observation of development projects on behalf of municipalities.

Mr. Valesi has been responsible for the study, analysis, design and preparation of plans and specifications for many municipal road and intersection projects, water and sewer projects, storm drainage, parks and recreation projects, and other public works projects throughout New Jersey.

SITE PLAN AND SUBDIVISION PROJECTS:

Mr. Valesi has extensive land development experience including the planning, design and permitting of shopping centers, housing developments and industrial/institutional site development projects throughout New Jersey.

REDEVELOPMENT:

Mr. Valesi has been involved in the planning, designing and implementation of redevelopment projects throughout New Jersey. Experience includes identifying areas in need of redevelopment in accordance with the provisions of the Local Redevelopment and Housing Law, N.J.S.A. 40:12A-1 et seq., preparation of redevelopment plans, preparation, solicitation and evaluation of request for proposals to select redevelopers. Assisted in the preparation of redevelopment agreements, and performed site observation and inspection of public improvements to support the development.

AWARDS:

Mr. Valesi has received several awards throughout his career for his intuitive and forward-thinking parks / recreation facility designs from the New Jersey Recreation and Park Association, and has been recognized for numerous projects by the New Jersey Society of Municipal Engineers for his designs and/or Construction Management Excellence.

EXPERIENCE:

Engineering Experience: over 40 years.

KEITH CHIARAVALLO, PE, CME

SENIOR VICE PRESIDENT - WATER/WASTEWATER



EDUCATION/CERTIFICATIONS

Rutgers University
B.S., Civil Engineering, 1993

New Jersey Professional Engineer
License No. 43451

Certified Municipal Engineer:
N.J.M.E.I. Certification 09-11

PROFESSIONAL AFFILIATIONS:

- Water Environment Federation
 - NJ Water Environment Association
 - American Water Works Association
-

GENERAL EXPERIENCE:

As Senior Vice President of the Water/Wastewater Division, Mr. Chiaravallo is responsible for managing the Department. The Department completes all Water/Wastewater Projects for the Company which include evaluations, permitting, water and wastewater system design, hydraulic modelling and project management. Mr. Chiaravallo's responsibilities include client management, proposal preparation, project management, project scheduling and project cost estimates. Mr. Chiaravallo has extensive experience with New Jersey Infrastructure Bank Funding and US Department of Agriculture Funding and regularly attends funding program update seminars.

Water and Wastewater Engineering experience includes: Evaluations, preparation of reports, design, specifications, permits, bid documents and construction phase services for projects including upgrades, rehabilitation and expansion of water and wastewater systems. Water system experience includes water supply, storage, pumping facilities, treatment and distribution systems and wastewater system experience includes collection systems, pumping facilities and treatment facilities.

General Engineering experience includes: Review of developer submittals for conformance with Municipal and Authority requirements. Preparation of applications for funding from the New Jersey Infrastructure Bank and United States Department of Agriculture for capital improvement projects. Coordination with regulatory agencies and preparation of various permit applications including air pollution control, treatment works approval, Bureau of Water System Engineering construction permits, physical connection permit for drinking water, lead and copper sampling plans, water allocation permits and other regulatory permits and approvals.

WATER PROJECTS:

Mr. Chiaravallo's experience with water system engineering includes the evaluation of existing facilities, water distribution system and treatment design, annual report preparation, permit application preparation, water supply well design and water system hydraulic modeling. In addition, Mr. Chiaravallo has extensive knowledge of the requirements of the Water Quality Accountability Act (WQAA) and the America's Water Infrastructure Act of 2018 (AWIA).

Water system projects include upgrades of existing water distribution systems, water main cleaning and lining, design of new water distribution systems, water supply well design, booster pump station upgrades, water storage tank design and rehabilitation, raw water pump stations, water treatment plant design for surface water and ground water treatment, water system interconnections, disinfection systems and gas chlorine disinfection systems.

WASTEWATER PROJECTS:

Mr. Chiaravallo's experience with wastewater engineering includes the evaluation of existing facilities; upgrades to existing and design of new wastewater facilities including siphon design and gravity sewer design; sewage pumping station force main evaluations and design; Inflow & Infiltration studies; annual report preparation and permit application preparation, including budgets, schedules and business development.

Sewage pumping station projects include rehabilitation of existing pumping stations, conversion to submersible pumping stations, design of new pumping stations, force main evaluations and pump station evaluations.

Wastewater Treatment Plant projects include treatment plant upgrades, digester rehabilitation, aeration tank upgrades, sludge storage tank conversion, gravity belt thickeners for dewatering sludge, concrete tank rehabilitation, mechanical bar screens, high purity oxygen system upgrades, settling tank mechanism upgrades, chlorination facilities and dechlorination facilities.

ENGINEERING PROJECTS:

Mr. Chiaravallo's additional experience has included the design of underground piping installation using trenchless technologies, emergency generator systems including a system with (3) three 1,250 kW generators and paralleling gear, electrical substation relocation for a 36 MVA substation, SCADA systems, flood mitigation, Green Acres property acquisition and video surveillance systems.

EXPERIENCE:

Engineering Experience: over 30 years

JAMES J. MELLETT, PE, CFM

SENIOR VICE PRESIDENT



EDUCATION/CERTIFICATIONS

M.S., Environmental & Water Resource Engineering,
Rutgers University, 2005

B.S., Civil Engineering,
Rutgers University, 2003

- NSPE-NJ Stormwater Management in NJ Pinelands Review, 2022
- HEC-RAS: Intensive Three-Day Workshop, 2019
- NJDOT Scour Evaluation Model for NJ Bridges, 2019
- NJDEP Stormwater Management Design Review, 2017, 2021
- NJDEP Flood Hazard Area Control Act Rules, 2006, 2016
- NJDEP Stormwater Management Rules and BMP Manual Update, 2010
- Wetland Delineator Program, 2006
- Stormwater Management for Engineers, 2005

PROFESSIONAL REGISTRATIONS

Professional Engineer in New Jersey
Certified Floodplain Manager

GENERAL EXPERIENCE:

Mr. Mellett has over 20 years of experience. He currently serves as President and is responsible for overseeing the environmental and water resources departments. He has experience with various environmental permits and activities, including but not limited to NJDEP Flood Hazard Permits, Freshwater Wetlands Permits, NJDEP Coastal Zone Management Permits, EO215 Documentation, mitigation design and permitting, Treatment Works Approvals, Water System Construction Permits, NJ Pinelands Commission Permits, Meadowlands (NJSEA) approval, D&R Canal Commission approval, and Soil Erosion and Sediment Control Permits. He is considered an expert in the water resources field, experienced with the design and permitting of stormwater management systems, and the requirements and design implications of floodplain management.

MUNICIPAL SERVICES:

NJTA A3584/A3785 General Consulting Engineering Services; 2016-Present; Environmental/Water Resources Lead for NJTA's General Consulting Engineer (GCE) contract as a sub-consultant to HNTB. In this role, his responsibilities include:

- Updating the NJTA on new regulations
- Identifying ways to streamline permitting on Authority projects
- Peer review of Authority projects for permitting compliance
- Review of complex drainage and flooding issues experienced on the Authority's mainline and facility properties
- Providing consultation to senior Authority personnel regarding permitting and water resources related issues
- Assisting the Authority with compliance with NJDEP Highway Agency Stormwater General Permit requirements
Reference: NJTA, Lamis Malak, PE (732) 750-5300 x8247

NJTA P4052 Culvert Repairs MP 164 to 172 for Contract P200.670; 2023-Present; Serving as prime consultant for the Authority, Mr. Mellett is the Project Manager and responsible for all aspects of this project. The firm is currently preparing design documents to rehabilitate seven corrugated metal pipe culverts that traverse the Parkway using trenchless solutions. Permitting requires compliance with NJDEP/FEMA hydraulic requirements and riparian zone mitigation along Category One waterways.

Reference: NJTA, Sima Jasani (732) 750-5300 x8219

NJTA A3790 Hears Brook Improvements, Contract A900.557; 2021-Present; Serving as prime consultant for the Authority, Mr. Mellett is the Project Manager and responsible for all aspects of this project. The firm is currently preparing design documents to address flood mitigation, stream stabilization and culvert rehabilitation along Hears Brook in the vicinity of Interchange 11 and the Authority's HQ property. In order to mitigate flooding on the HQ property, it is proposed to modify the existing drainage systems along the Turnpike mainline and Interchange 11; install trenchless drainage conveyance structures underneath the mainline; and install stormwater management facilities at the Interchange. The section of Hears Brook located on the Authority's HQ property will also be stabilized. Lastly, the 440 foot long culvert located on the HQ property was rehabilitated under an immediate repair contract, A900.538.

Reference: NJTA, Sima Jasani, PE (732) 750-5300 x8219

NJTA T4011 Grade Separated U-Turn Structures at Mileposts 6.4, 13.4 and 43.0, Contract No. T100.724; 2023-Present, The firm is the prime consultant on this multi-discipline project for the final design of three grade separated U-Turn structures as part of the Authority's Interchange 1 to 4 Capacity Enhancements Program (NJ1TO4CEP). Mr. Mellett is overseeing the drainage and stormwater management design, including drainage modifications and new structural stormwater management measures (basins) at each location.

Reference: NJTA, Oleem O'Garro (732) 750-5300 x8237

NJTA T3801 Replacement of Structure No. W112.72B for Contract No. T100.564; 2021-Present; Serves as Environmental and Stormwater Management Lead, as a sub-consultant for Hardesty & Hanover. The project involves removal of the existing bridge structure, construction of the new structure, improvements to the deceleration lane, and the culvert rehabilitation. Mr. Mellett is responsible for managing the permitting task, including local, State and Federal authorizations; the drainage/stormwater management design; and providing technical assistance to the prime designer for the culvert rehabilitation task.

References: NJTA, Frank Yao, PE (732) 750-5300 x8523

EXPERIENCE:

Engineering Experience: Over 20 years

TEJAL PATEL, PE, CME, LEED-AP SENIOR VICE PRESIDENT



EDUCATION/CERTIFICATIONS

School of Building Science and Technology, India
B.S., Construction Technology, 2000

Rutgers University, New Brunswick, NJ
M.S., Intelligent Transportation Systems Engineering, 2003

New Jersey Professional Engineer
License No. 24GE0546920

Pennsylvania Professional Engineer
License No. PE087628

Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 12345

Leadership in Energy & Environmental Design (LEED)
Accredited Professional

PROFESSIONAL AFFILIATIONS:

Board Member – CME Program, Municipal Engineering Institute (current)

Advisory Board Member – NJSME (current)

Member – NJDOT Procurement Committee, ACEC NJ (current)

Chair of Events Committee – NJSPE-NJ (current)

Member – Women in Engineering Committee, ACEC NJ (2023 – 2025)

Past President – NSPE-NJ Executive Board (2022–2023)

Past President – Professional Engineers Society of Mercer County (2023–2024)

GENERAL EXPERIENCE:

Ms. Patel is a dynamic and results-driven Business Development Leader with over two decades of comprehensive experience managing and delivering a wide range of civil, transportation, and infrastructure improvement projects for regional and statewide agencies, counties, and municipalities throughout New Jersey. She has led engineering projects involving water/wastewater, remediation, parks and recreation, roadway upgrades, stormwater, parking and facility rehabilitation and secured necessary regulatory approvals, and leading multi-disciplinary teams to successfully execute complex projects on time and within budget. Tejal's public sector tenure from 2013 to 2020 provided her with a deep understanding of municipal land use law, codes, and ordinances, and honed her skills in collaborating with residents, elected officials, and governmental staff. With a proven track record of delivering multi-million-dollar transportation planning and infrastructure projects, her expertise spans business development, client management, project management, quality assurance/quality control, and technical design.

SELECTED PROJECT EXPERIENCE:

- NJDOT – Limited Scope Concept Development Study for Rt 44, Delaware Street (CR 640) to NJ 44 SB Ramps from I-295, Township of West Deptford, Gloucester County, NJ
- NJDOT – Concept Development three (3) year term agreement
- SJTPO – Local Safety Program Design Assistance
- Improvements to Witherspoon Street (Phase 1, Phase 2 and Phase 3), Nassau Street (NJSH Rt. 27 to Valley Road), Municipality of Princeton, NJ
- Improvements to Kings Highway (CR 551s) from Market Street to Hopkins Road, Haddon Heights, Mt. Ephraim and Audubon, Camden County, NJ.
- Conceptual Roadway Safety Design of Chestnut Avenue between Delsea Drive (SR47) and Main Road (CR555), Vineland, NJ.

- Roadway Improvements to Red Bank Avenue (CR 644), Woodbury and West Deptford, Gloucester County, NJ.
- Phase 1 & 2 - Meadowbrook Road Trail Connection, Robbinsville, Mercer County, NJ
- Valley Road / Cherry Hill Road / US Route 206 traffic signals and roadway improvements related to the Princeton Fire and Rescue Squad site development, Princeton, Mercer County, NJ
- Cherry Valley Road widening project, Princeton & Montgomery, Mercer County, NJ
- Mill and Overlay of Berlin Road, Between White Horse Road and Linden Avenue, Borough of Stratford and Lindenwold, Camden County, NJ
- Mill and Overlay of Blackwood-Clementon Road (CR 534), Between Spring Garden Street MP 6.62 to Wauseon Avenue MP 7.79, Borough of Lindenwold, Pine Hill and Clementon, Camden County, NJ
- Mill and Overlay of Stone Road (CR 669), Between White Horse Pike (NJSH Rt. 30) and East Atlantic Avenue (CR 727), Borough of Lindenwold and Laurel Springs, Camden County, NJ
- Mill and Overlay of Kresson Road (CR 671), Between Evesham Road (CR 544) MP 4.67 to NJSH RT#73 MP 6.18, Township of Voorhees, Camden County, NJ
- Mill and Overlay of Maple Avenue (CR 537), From Poplar Ave to Cove Road, Pennsauken & Merchantville, Camden County, NJ
- Cooper River Park Access Improvements, North Park Drive (CR 628), Pennsauken & Cherryhill Township, Camden County, NJ
- Local Concept Development Study of NJ State structure #043B006, Camden County 3B-6, under Camden County jurisdiction, in the Township of Pennsauken and City of Camden, carrying Kaighn Avenue (CR 607) over the Cooper River, NJ
- Route U.S. 130 at Renaissance Boulevard East, North Brunswick Township, Middlesex County, NJ

PUBLICATIONS

- Trends in Camden, ENR's City Scoop: Camden – April 2025
- Boosting Safety: Kings Highway Upgrades in Camden County, Roads and Bridges Magazine – April 2025
- Important Upgrades in Progress to Kings Highway in Camden County, NJAC County Biz – January 2025 (Author)
- Going Green Without Going Broke, American City and County – August 2020 (Author)
- Princeton Climate Action Plan, Land Use and Transportation Working Group – July 2019
- Graduate Research Thesis: Trends in Transportation Modeling – A Comparative Evaluation of Modeling Tools – Research acknowledgment, Publication #FHWA NJDOT – 2005 016

PRESENTATIONS

- Phase 1 Improvements to Witherspoon Street, ACEC-NJ – October 24, 2024
- Stakeholder Management for Private and Public Projects, PESMC – NSPE-NJ, January 2024
- Incorporating Green Infrastructure in County Roadways, NJAC – May 5, 2022
- Green Infrastructure: Types, Benefits & Implementation Strategies, NSPE-NJ – February 2021

EXPERIENCE:

Engineering Experience: Over 24 years

TREVOR J. TAYLOR, PE, PP, CME, CFM SENIOR VICE PRESIDENT



EDUCATION/CERTIFICATIONS

Lehigh University
B.S., Civil Engineering, 1998

New Jersey Professional Engineer
License No. 24GE04457800

Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 04-40

New Jersey Professional Planner
License No. 33L100603200

New Jersey Certified Floodplain Manager
Certification No. US-13-06794

PROFESSIONAL AFFILIATIONS:

American Society of Civil Engineers
New Jersey Association for Floodplain Management
New Jersey Society of Municipal Engineers

GENERAL EXPERIENCE:

Mr. Taylor has more than two decades of experience in municipal engineering, land development and capital improvement projects. Mr. Taylor is a municipal engineer in numerous municipalities and provides day-to-day engineering services to these clients and is also responsible for the preparation and coordination of construction plans, specifications and applications to review agencies for various capital improvement projects.

Leads multidisciplinary project teams in the planning, design, and execution of civil engineering projects for municipal and private sector clients.

Oversees all phases of project development, including budgeting, scheduling, design, permitting, and construction administration.

Manages client relationships and serves as the primary contact with municipal, county, and state agencies to ensure regulatory compliance and timely approvals.

TECHNICAL EXPERIENCE:

Experience includes the design and preparation of construction plans and specifications for roadways, utility extensions, traffic signals, parks, natural grass and synthetic turf fields, swimming pools, marinas and other water dependent facilities, site plans, storm drainage systems, sanitary sewer extensions, and water main extensions

Experience in the preparation of various permit applications, including NJDEP Flood Hazard Area, NJDEP Freshwater Wetlands, CAFRA, Pinelands Commission, Delaware and Raritan Canal Commission, NJDOT Access and Occupancy Permits, County permits, Water Main Construction and Treatment Works approvals.

Successful in obtaining grants from various funding sources for projects including NJDOT Local Aid and Federal Aid, County Open Space funds, Community Development Block Grants (CDBG), Green Acres, Hazard Mitigation Grant Program, NJ Economic Development Authority (NJEDA), NJ Department of Community Affairs (DCA) funding programs and the NJ Infrastructure Bank (I-Bank).

Represents several municipal planning and zoning boards as a professional engineer in reviewing development applications ensuring conformance with local ordinances, stormwater management regulations and outside agency standards. These services include providing professional engineering testimony at public hearings, coordinating with applicants and professionals, and providing technical recommendations to guide the application through the approval process.

Supports municipalities in the preparation of Area in Need of Redevelopment Studies and Redevelopment Plans under the New Jersey Local Redevelopment and Housing Law (LRHL), providing technical and planning expertise in evaluating infrastructure capacity, environmental constraints, site conditions, and compliance with statutory criteria for designating redevelopment areas. Collaborates closely with the municipalities to craft redevelopment plans that align with community goals, zoning objectives, and sustainable land use practices.

Provides technical assistance to municipalities to assess coastal resiliency including identifying vulnerabilities, plan infrastructure improvements, and implement long-term strategies that protect communities from storm surge, flooding and sea level rise. Mr. Taylor collaborates with municipalities to review FEMA guidelines to build more resilient infrastructure projects and supports hazard mitigation grant applications through technical documentation and cost-benefit analysis.

Serves as a liaison between staff, contractors and clients for construction administration services, ensuring that public infrastructure and redevelopment projects are built in accordance with approved plans, specifications, and regulatory requirements.

EXPERIENCE:

Engineering Experience: 26 years

BEHRAM TURAN, PE, LSRP

SENIOR VICE PRESIDENT - ENVIRONMENTAL



EDUCATION/CERTIFICATIONS

Rutgers University, New Brunswick, New Jersey
Ph.D., Candidate, Civil and Environmental Engineering

Colorado State University, Fort Collins, Colorado
M.S., Hydrology and Water Resources Management, 1984

Istanbul Technical University, Istanbul, Turkey
B.S., Civil Engineering, 1980

New Jersey Professional Engineer
License No. 24GE03921000

Delaware Professional Engineer
License No. DE-No. 9606

Certified Subsurface Evaluator in New Jersey

Licensed Site Remediation Professional, NJ
License No. 509399

NJDEP Case Study Training for LSRPs

NJDEP SRRA Implementation: The Final Rule Package

NJDEP's Regulatory Training in Underground Storage
Tanks

NJDEP's Site Remediation Basic

40-hour OSHA Hazardous Waste Site Operations Health
and Safety Certification

8-hour HAZWOPPER refresher

8-hour HAZWOPPER Supervisor/Management

GENERAL EXPERIENCE:

Mr. Turan is the Principal and Director of Environmental Services of CME Associates. Mr. Turan has over 40 years of experience in the fields of environmental engineering, including site remediation, brownfields redevelopment, management of dredged materials and beneficial reuse, solid and hazardous waste management, wetlands mitigation, surface water hydrology, hydrogeology, groundwater flow and contaminant mass transport, and water resources planning. Mr. Turan is a Professional Engineer in the state of New Jersey, a Licensed Site Remediation Professional (LSRP), and a Certified Subsurface Evaluator. Mr. Turan has successfully completed a number of challenging site remediation projects leading to No Further Action Letter determinations from the NJDEP. Mr. Turan has issued more than twenty (20) Response Action Outcomes (RAOs), and is currently involved in more than ninety (90) site remediation projects since the initiation of the LSRP Program.

SUMMARY OF EXPERIENCE:

LSRP Program Experience

Old Homestead Facility in Frankford Township in Sussex County

Principal and LSRP in charge for the closure of a regulated 1,000-gallon leaded gasoline underground storage tank and associated remediation at the Based on the findings of the post-remedial soil and groundwater sampling, Mr. Turan issued an unrestricted Response Action Outcome (RAO) for the former 1,000-gallon UST.

Princeton Meadows Golf Course in Plainsboro, Middlesex County, New Jersey

Principal and LSRP in charge of remedial activities related to the soil and groundwater contamination associated with the former five (5) USTs removed from the maintenance building area at the golf course.

County of Sussex

Principal and LSRP in charge of remedial activities related to Multi-year LSRP services for five Road Maintenance Garage (RMG) locations within the county.

Regulatory Compliance and Permitting

NJTA Interchange 12 Final Improvements Project

Principal in charge of procuring the environmental permits including NJDEP Freshwater Wetlands General Permit Nos. 12 and 14, an Individual Freshwater Wetlands Permit/ Waterfront Development, Water Quality Certification, Transition Area Waiver and Coastal Consistency and Individual Section 10 and 404 Permit from the U.S. Army Corps of Engineers, and preparation of wetlands mitigation proposal, and engineering design of compensatory wetlands mitigation for approximately 10-acre area including the procurement of NJDEP and ACOE permit approvals.

ILR Landfill in Edison, NJ,

Principal in charge of procuring NJDEP permits for the redevelopment of a portion of ILR Landfill in Edison, NJ, including, Waterfront Development Permit, Landfill Closure and Post-Closure Plan, Major Landfill Disruption Permit, and Closure and Post-Closure Financial Plan, and Remedial Action Workplan approval.

EXPERIENCE:

Engineering Experience: Over 40 years

JOHN J. HESS, PE, PP, CME VICE PRESIDENT



EDUCATION/CERTIFICATIONS

New Jersey Institute of Technology
B.S., Civil Engineering, 1977

New Jersey Professional Engineer
License No. 24GEO3119900

New Jersey Professional Planner
License No. 33LI00346700

New Jersey Society of Municipal Engineers
Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 604

EXPERIENCE:

Engineering Experience: Over 45 years

PROFESSIONAL AFFILIATIONS:

- American Society of Civil Engineers
 - National Society of Professional Engineers
-

GENERAL EXPERIENCE:

Responsible for the planning, design and project management of various Public Works projects and site development projects in central and southern New Jersey.

Design experience includes preparation of roadway improvement plans, park and recreation plans, site development and subdivision plans, soil erosion and sediment control plans; design and analysis of stormwater collection and management facilities, water distribution systems, sanitary sewer collection systems and sewage pump stations.

MUNICIPAL SERVICES:

Mr. Hess has been licensed as a Professional Engineer and Professional Planner in the State of New Jersey since 1986. During this time, Mr. Hess has provided municipal engineering services for the Town of West New York; the Townships of Barnegat, Bass River, Howell, Lacey, Long Beach, Manchester, Neptune, Ocean, South Orange Village, Stafford, and West Orange; the Boroughs of Beachwood, Berlin, Brielle, Lavallette, and Tuckerton; the Cities of Atlantic City, Long Branch, and Wildwood; and the Beachwood Sewerage Authority.

Mr. Hess has served as the Municipal Engineer, Planning Board Engineer, Land Use Board Engineer, Zoning Board Engineer and Water/Sewer Utility Engineer for various municipalities. He has also been responsible for the preparation of grant applications to fund various roadway, sanitary sewer and water system projects. He has also been responsible for the preparation of Master Plan Re-Examination Reports, new Master Plans and Affordable Housing/ Fair Share Plans.

Mr. Hess has performed numerous site plan/ subdivision reviews and has been responsible for the management of various capital improvement projects and the coordination /observation of various development projects on behalf of the municipality. Mr. Hess has also provided expert testimony before municipal courts and the Superior Court in Monmouth and Ocean Counties.

BRUCE M. KOCH, PE, PP, CME VICE PRESIDENT



EDUCATION/CERTIFICATIONS

New Jersey Institute of Technology
B.S., Civil Engineering, 1987

New Jersey Professional Engineer
License No. 34378

New Jersey Professional Planner
License No. 4372

Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 0199

PROFESSIONAL AFFILIATIONS:

- New Jersey Society of Municipal Engineers
-

GENERAL EXPERIENCE:

Roadway design and construction coordination, traffic and transportation services.

Hydraulic, hydrologic, water system and sanitary sewer analysis, design and project supervision; sanitary sewer collection analysis and design; design and analysis of stormwater retention /detention facilities.

MUNICIPAL SERVICES:

Municipal engineering services including design and construction administration of various municipal capital projects and the preparation of various studies. Planning and Zoning Board engineering services including expert testimony.

Mr. Koch currently provides Municipal Engineering and Land Use Board services to Aberdeen Township since 2022 ,for Highland Park since 1985, and for South River since 1990.

EXPERIENCE:

Professional Engineering Experience: 36 years

STEPHEN M. MAZUR PE, PP, PTOE, CME VICE PRESIDENT



EDUCATION/CERTIFICATIONS

Villanova University, Pennsylvania
B.S., Civil Engineering, 1996

Villanova University, Pennsylvania
M.S., Civil Engineering, 1996

New Jersey Professional Engineer
License No. 45128

New Jersey Professional Planner
License No. 5951

Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 05-19

Professional Traffic Operations Engineer,
Transportation Professional Certification Board Inc,

SPECIAL TRAINING

FHWA Safety Inspection of In-Service Bridges for Professional Engineers (FHWA-NHI-130056), June 2018

FHWA Bridge Inspection Refresher Training (FHWA-NHI0-130053),
March 2023

FHWA Tunnel Safety Inspection (FHWA-NHI-130110),
December 2016

FHWA Tunnel Safety Inspection Refresher Course (FHWA-NHI-130125),
October 2020

FHWA Transportation Performance Management for Pavements (FHWA-NHI-138009), May 2018

Traffic Signal Design, Rutgers University Center for Advanced Infrastructure & Transportation, October 2006

Electrical Signal Design, Rutgers University Center for Advanced Infrastructure & Transportation, February 2012

GENERAL EXPERIENCE:

Mr. Mazur is Vice President of Southern New Jersey Operations at CME, starting with the firm in October 2024. Mr. Mazur's responsibilities include overseeing a staff of municipal engineers, whose client base includes various municipal, county, and land use board appointments in Borough of Bradley Beach, Camden County, City of Camden, Township of Deptford, Township of Delran, Township of Franklin (Gloucester), Gloucester County, Township of Ocean, City of Vineland, Township of Voorhees, Township of Westhampton, and Township of Willingboro.

Prior to joining CME, he was the Chief Engineer / Director of Engineering for the South Jersey Transportation Authority (SJTA) from 2014 to 2024, leading the SJTA's Capital Programs for the Atlantic City Expressway and Atlantic City International Airport. He also served as the SJTA's representative on the Policy Board and Technical Advisory Committee of the South Jersey Transportation Planning Organization (SJTPO) and on the Board of Directors for the National Aerospace Technology & Research Park (NARTP), where he also served as the Treasurer. Prior to joining the SJTA, Mr. Mazur also completed fifteen years in consulting engineering, where he gained expertise in infrastructure Projects, Project Management, and client relations.

MUNICIPAL & LAND USE BOARD EXPERIENCE:

Township of Jackson Zoning Board Traffic Engineer | 2025-Present

Mr. Mazur currently represents CME Associates as the Zoning Board Traffic Engineer for the Township of Jackson. He is responsible for reviewing all larger land use application. for traffic impact, parking compatibility, and vehicular, pedestrian, and emergency circulation. Reference: Dawn D'Agostino (732) 928-1200 x1242

Township of Hamilton (Atlantic County) Traffic Engineer | 2025-Present

Mr. Mazur currently represents CME Associates as the Township Traffic Engineer for the Township of Hamilton in Atlantic County. He serves on the Atlantic City Racecourse Redevelopment Traffic Advisory Committee.

Reference: Robert Goodman (609) 625-1511 x490

South Jersey Transportation Authority, Chief Engineer | 2014-2024

Mr. Mazur led the SJTA's engineering department for 10 years serving at the Chief Engineer & Director of Engineering, from a land use perspective, Mr. Mazur would receive public notice of every land use application from each municipality adjoining the Atlantic City Expressway and the Atlantic City International Airport including the City of Atlantic City, City of Pleasantville, City of Absecon, Township of Egg Harbor, Township of Galloway, Township of Hamilton, Town of Hammonton, Township of Winslow, Washington Township, and Township of Gloucester. His duties included, where necessary completing a formal review any application that could impact the Authority's Facilities. He also served the Authority's Stormwater Reviewer for all Authority projects and reviewed all Highway Occupancy Permits for same. Mr. Mazur also represented the Authority on the South Jersey Transportation Planning Organization's (SJTPO) Policy Board and Technical Advisory Committees; the Delaware Valley Regional Planning Commission's (DVRPC) Regional Technical Committee, and the National Aerospace Research & Technology Parks, Board of Directors.

Reference: SJTA, James Sullivan (609) 965-6060

Other Municipal & Land Use Board Assignments | 2003-2014

City of Linwood, City Engineer

City of Linwood, Planning Board Engineer

Township of Hamilton, Planning Board Engineer

Township of Hamilton, Planning Board Traffic Engineer

Township of Hamilton, Planning Board Landscape Architect

Township of Hamilton, Township Traffic Engineer

Township of Hamilton, Township Landscape Architect

Casino Reinvestment Development Authority, Transportation Consultant

EXPERIENCE:

Engineering Experience: Over 27 years

LAURA J. NEUMANN, PE, PP, CME, CFM VICE PRESIDENT



EDUCATION/CERTIFICATIONS

Rutgers University
B.S., Civil Engineering May, 2000

New Jersey Professional Engineer
License No. 24GE04731300

New Jersey Professional Planner
License No. 33LI00609000

New Jersey Certified Public Works Manager
Certification No. M-2043

Certified Floodplain Manager
Certificate No. US-24-13204

- Qualified by Monmouth County Superior Court as expert witness in Engineering, Planning, and Municipal Engineering
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GENERAL EXPERIENCE:

Ms. Neumann serves CME Associates with a primary focus on Municipal services, including land use planning, zoning ordinance preparation and amendments, site and subdivision plan reviews, construction administration, as well as municipal construction design and preparation of specifications.

General municipal consulting experience includes site plan and subdivision reviews for Planning and Zoning Boards, as well as meeting attendance. In particular, technical engineering reviews of stormwater management, traffic analysis and circulation plans, overall layouts, and municipal ordinance conformity.

Construction management experience includes calculating performance guarantee estimates, bond reductions, set-up and conduct preconstruction meetings, respond and handle resident complaints, and coordinate between developers and contractors to ensure proper and on-schedule installation of improvements as specified in the projects approved site of subdivision plan; perform Certificate of Occupancy inspections.

Design experience includes capital improvement project plan and specification preparation. Projects generally include road rehabilitation, drainage improvements, and sanitary sewer replacement, water main replacement, streetscapes and recreational park facilities.

Ms. Neumann currently serves as the Municipal Engineer for the Township of Marlboro (Monmouth County), the City of Long Branch (Monmouth County) and the City of Pleasantville (Atlantic County). She is the Planning and Zoning Board Engineer for the Township of Marlboro; Planning Board Engineer for the Township of Howell; Land Use Board Engineer for the Borough of Point Pleasant (Ocean County); Planning Board Planner for the City of Long Branch, and the Planning and Zoning Board Planner for Marlboro Township.

SPECIFIC EXPERIENCE:

CITY OF LONG BRANCH, MONMOUTH COUNTY, NJ

- Improvements to Long Branch Avenue
- Lower Broadway Redevelopment Plan
- Lake Takanassee Dredging
- Senior Center Improvements
- Jackson Woods Park

BOROUGH OF RED BANK, MONMOUTH COUNTY, NJ

- Water, Sewer, and Roadway Improvement to Broad Street.
- White Street Parking Lot Improvements
- East Side Park Improvements

CITY OF PLEASANTVILLE, ATLANTIC COUNTY, NJ

- Improvements to Ansley Boulevard
 - Sewer and Roadway Improvements to Decatur Avenue
 - Bikepath Lighting Improvements
 - Jokers Field – Waterfront Development Park
-

EXPERIENCE:

Engineering Experience: Over 24 years

LOU PLOSKONKA, PE, CME VICE PRESIDENT



EDUCATION/CERTIFICATIONS

Middlesex County College
A.A.S., Civil/Construction Engineering Technology, 1983

New Jersey Institute of Technology
B.S., Civil Engineering, 1985

New Jersey Professional Engineer
License No. 40638

Certified Municipal Engineer
N.J.M.E.I. Certification No. 691

EXPERIENCE:

Engineering Experience: 40 years

GENERAL EXPERIENCE:

Municipal Lead responsible for overseeing Municipal engineering tasks including regular contact with Municipal officials, meeting attendance and reports on engineering related progress.

Municipal and Governmental engineering including the design and construction administration of various capital transportation projects including; road rehabilitation, road reconstruction, intersection improvements, traffic signalization, lighting improvements, superelevated roadways, at grade railroad crossings, transit facilities, transportation studies and traffic impact analysis.

Design and construction administration associated with water distribution systems, sanitary sewerage systems, and storm drainage system improvements.

Park improvements and athletic facility design and construction administration including facilities for disabled persons.

Cost estimating, long and short range project budgeting, preparation of municipal roadway improvement studies, preparation of State and Federal grant and construction permit applications and reimbursement documentation, review of site plan and subdivision applications, and quality control reviews of project plans and specifications prior to bidding.

Attendance of project bid openings and preparation of reports regarding bid results.

Construction management including the assignment and coordination of construction observation staff, owner and contractor coordination, shop drawing reviews and review of contractor payment requests.

Concept designs, alternative studies and engineering proposals for various municipal projects.

Engineering services associated with the preparation and implementation of Redevelopment Plans and associated site improvements. Currently, as a Vice President, Mr. Ploskonka manages a Municipal and Stormwater group and provides engineering services to several Municipalities and Counties. In addition, he provides Planning and Zoning Board engineering services, including expert testimony and site plan and subdivision reviews.

JUSTIN B. CORNELL, PE, CME DIRECTOR OF MUNICIPAL SERVICES



EDUCATION/CERTIFICATIONS

Rutgers University, New Brunswick
B.S., Civil Engineering, 2012

New Jersey Professional Engineer
License No. 24GE05321200

Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 18-07

- NJDEP Stormwater Management Design Review April 2024

GENERAL EXPERIENCE:

Duties include: design and preparation of engineering plans and specifications for Municipal, Private and State construction projects. These design projects include: construction and/or reconstruction of roadways; intersection and traffic signal improvements; site plan layouts; sanitary sewer, storm sewer and potable water distribution system installation and improvements; and parks and recreation facilities.

Specific responsibilities relative to the above mentioned projects include: initial site feasibility studies for design; design of roadway layouts including grading, vertical and horizontal curves, cross sections, and earthwork calculations; traffic studies including data collection and analysis; analysis of signalized and unsignalized intersections using HCS software; geometric intersection design in accordance with AASHTO standards; traffic signal design in accordance with MUTCD and NJDOT standards; warrant analyses in accordance with MUTCD; development of traffic control plans according to MUTCD; design of ADA compliant curb ramps; quantity calculations; preparation of construction cost estimates and scheduling; the design of storm drainage systems (TR-55 and Rational Methods); design of sanitary sewer systems (capacity analysis and line sizing); design of potable water systems; preparation of soil erosion and sediment control plans; culvert, hydrologic, and hydraulic analyses; and coordination, scheduling and filing of permit applications to County and State agencies. Duties also include construction administration for these projects, including shop drawing review.

Municipal Engineer duties include: reviewing of major/minor subdivisions and site plans of residential and commercial developments for Municipal Zoning and Planning Boards for compliance with all Municipal standards, and preparation of reports thereof; preparation of feasibility studies and master plans; preparation of bond estimates; and overseeing of development projects during construction.

PROJECTS:

City of Bayonne

- 16th Street Park Improvements
- Improvements to Clark Park
- Improvements to Fitzgerald Park
- Improvements to Richard Korpi Ice Rink
- Improvements to Dennis Collins Park
- 2015-2025 Road Projects

Township of South Brunswick

- Improvements to Rt. 522 - Section 1A

Middlesex County

- Improvements to White Oaks and Main Street
- Improvements to the Intersection of Main and Crossman
- Improvements to Woodbridge Avenue and May Street
- Improvements to Prospect Plains Road and Perrineville Road
- Modifications to Half Acre Road and Forsgate Drive
- Improvements to the Signalized Intersection of Jernee Mill Road and Bordentown Avenue
- Improvements to Prospect Plains Road from Stonaker Drive to Applegarth Road

Sayreville Economic and Redevelopment Agency (SERA)

- Agency Engineer

Borough of Sayreville

- Planning Board and Zoning Board Reviews

GENERAL EXPERIENCE:

Engineering Experience: 15 years

MICHAEL DZIUBECK, PE

DIRECTOR OF WATER/WASTEWATER



EDUCATION/CERTIFICATIONS

New Jersey Institute of Technology
B.S., Mechanical Engineering, 2005

New Jersey Professional Engineer
License No. 48358

PROFESSIONAL AFFILIATIONS:

- NJ Water Environment Association
- American Water Works Association

GENERAL EXPERIENCE:

Design, preparation of plans, specifications and bid documents for projects including potable and non-potable water systems, including storage, pumping facilities, treatment and distribution systems, and of wastewater systems, including collection systems, pumping facilities and upgrades of, treatment facilities.

Coordination with regulatory agencies and preparation of various permit applications including air pollution control, treatment works approval, physical connection permit for drinking water and other regulatory permits and approvals.

WATER SUPPLY PROJECTS:

- Design of a Desalination Treatment Plant for the City of Cape May. The Treatment Plant utilizes three (3) groundwater production wells that are influenced by salt water intrusion. Three (3) reverse osmosis filter units treatment the raw water with a total permeate production capacity of approximately 3.2 MGD. The Project also includes the installation of a two (2) pressure filters for treatment of a well with high iron. Ancillary equipment associated with the Project includes a new 10,000 SF building, pre-treatment filter, chemical feed system, membrane clean-in-place system, controls and a system-wide SCADA.

- Design for the replacement of a groundwater production well at total depth of 1,800' and a capacity of 2,000 GPM. Project includes the installation of a new well casing, column pipe, pump, enclosure and well control valves.

- Development of design documents, permitting and construction administration for the merger of two public water systems. The Project included the design of approximately 3,000 LF of new water main and an interconnection chamber. Associated permitting was performed including updating of all sampling plans to reflect the consolidated water system conditions. Operations and start-up assistance was provided through construction administration.

- Design of upgrades to the pre-treatment system at the Sayreville Bordentown Avenue Water Treatment Plant. The Project includes the installation of a mixing tank to blend raw water with lime slurry and sodium hypochlorite prior to a solids contact clarifier. The mixing tank will reduce the chemical consumption at the Treatment Plant. In addition, existing lime silo's will be relocated to reduce the length of the chemical feed applications and reduce maintenance associated with scaling of the slurry pipes.

- Develop a long term Capital Improvement Plan and Annual Operations Budget for the Township of Marlboro. The Plan is reviewed and updated annually for the municipal budget.

- Design of water main upgrade projects for various clients in New Jersey. The projects have included water main replacement, directional drilled water mains, service replacements, water main lining.

- Provide consulting services for various water systems with regards to water distribution and treatment operations, review of proposed water service connections, standard operating procedures, flushing programs, capacity analysis and identification of historic water records.

- Development and operation of water models utilizing Bentley WaterGEMS. Modeling included the preparation of hydraulic systems including development of skeletal model, importation of water demands, field and office model calibration, water system evaluation utilizing the developed model, identification of potential water system improvements and continual model maintenance. Water Model development have been prepared for the following water systems:

Old Bridge Municipal Utilities Authority, Borough of Sayreville Township of North Brunswick, Berkeley Township Municipal Utilities Authority, Barnegat Township, Marlboro Township, Aberdeen Township

- Design of a 5 MG water treatment plant on Harbor Road in Marlboro Township including ten (10) vertical pressure filters, backwash tanks, laboratory, 10,000 square foot building, instrumentation and site piping.

- Construction phase services for 7 MG water treatment plant in the City of Rahway including four (4) membrane filter trains, replacement of pond liners, backwash waste recycle system, metal building enclosure and site piping.

- 7 MG water treatment plant in the Borough of Sayreville including four (4) membrane filter trains, clarifier tank, backwash waste recycle system, granular activated carbon filters, and site piping.

- Improvements to the North Brunswick 10 mgd Water Treatment Plant including backwash tanks, thickener modifications, inline mechanical mixer and site piping.

WASTEWATER PROJECTS:

- Lead designer for a force main conveying 3 MGD of sewage through a densely developed residential area. Design included approximately 5,000 LF of 16" HDPE and PVC pipe, with 4,000 LF installed via single directional drill to navigate wetlands, stream crossings, and easements across 30 residential properties.

- Designed the rehabilitation of four (4) 70-foot diameter final clarifiers. Scope included application of new wall coating systems, replacement of clarifier mechanisms and influent gates, installation of density current baffles, and structural crack repair.

- Prepared design documents for phased inspection and rehabilitation of 100,000 LF of sanitary interceptor (12"-42" diameter). Project included condition assessment, point repairs, and manhole rehabilitation across multiple contract phases.

- Designed a new sewerage collection system in the Woodfield Area of Aberdeen Township to serve 80 homes previously using individual septic systems. Project included 9,000 LF of gravity sewer, 6,000 LF of force main, and a new pump station crossing multiple jurisdictions, a NJ State Highway, and a NJ Transit ROW.

- Designed upgrades for over 30 sanitary sewer pump stations (30 GPM to 3,000+ GPM). Work included wet well rehabilitation/replacement, submersible and dry-pit pump systems, grinders, screens, controls, ventilation, building renovations, emergency power, site improvements, permitting, cost estimating, and property acquisition coordination.

EXPERIENCE:

Engineering Experience: 20 years

NELSON HERNÁNDEZ, PE, LEED-AP DIRECTOR OF STRUCTURAL AND GEOTECHNICAL SERVICES



EDUCATION/CERTIFICATIONS

Brown University

B.S., Civil Engineering, 1994

New Jersey Professional Engineer
License No. 24GE04960500

New York Professional Engineer
License No. 077867

Leadership in Energy and
Environmental Design,
Accredited Professional

FHWA-NHI-130055
Safety Inspection of
In-Service Bridges

Attended 2025 Inspection and Assessment of Dams
By ASDSO

GENERAL EXPERIENCE:

Mr. Hernández is a dynamic, proactive and detail-oriented professional with over 31 years of experience and outstanding success in planning, managing and executing all aspects of structural and geotechnical infrastructure engineering projects specializing in the design, rehabilitation and inspection of steel, prestressed, precast and reinforced concrete and timber bridges, as well as steel, reinforced concrete and timber structures.

BRIDGE DESIGN EXPERIENCE:

- Replacement of the W. Century Road Bridge, the Magnolia Avenue Bridge, the Greenwood Avenue Bridge and the County Road Culvert for Bergen County
- Replacement of the Jernee Mill Road Bridge, the Main Street Culvert, the River Road Culverts and the Pulaski Street Culvert for Middlesex County
- Reconstruction of Six (6) Bridge and Culvert Structures on County Route 3, Bridge R-5 and the Deerfield Lane Footbridge for Monmouth County
- Replacement of the Raymond Avenue Bridge, the Netherwood Avenue Bridge, the Martine Minor Avenue Bridge, the Lower Road Minor Bridge and the Dill Avenue Bridge for Union County

BRIDGE INSPECTION EXPERIENCE:

- 2019 and 2024 Routine Bridge Inspections of the Riverside-Delanco Bridge and Four Minor Bridges for the Burlington County Bridge Commission
- 2020 and 2022 In-Depth Bridge Inspections of Four Minor Bridges for the Burlington County Bridge Commission
- 2024 Quadrennial Inspection of Nineteen (19) Pedestrian Bridges for Passaic County

DAM DESIGN AND INSPECTION EXPERIENCE:

- West Branch Reservoir Dam Improvements Project for Somerset County
- Improvements to the Duhernal Lake Dam for Middlesex County

Formal and/or Regular Inspections of:

- Plainsboro Pond Dam and Duhernal Lake Dam for Middlesex County
- Green Street Detention Basin Dam for the Township of Woodbridge
- Millhurst Pond Dam for Monmouth County
- Iona Lake Dam and Franklinville Lake Dam for Franklin Township
- Deer Head Lake Dam, Lake Barnegat Dam, Parker Avenue Dam and Bamber Lake Dam for Ocean County
- Apschawa Main and Auxiliary Dams for Passaic County
- Old Mill Pond Dam for Wall Township

STRUCTURAL AND GEOTECHNICAL DESIGN EXPERIENCE:

- Effluent Pumping Station, ACOE Stormwater and Biosolids Facility Pumping Stations, Main Plant and Biosolids Facility Flood Walls, and Upgrades to the Co-Generation Facility for the Joint Meeting of Essex and Union Counties
- Pile-supported Foundation for the Jackson Street Fire House and New Pumping Station for the Borough of Sayreville
- Carteret Waterfront Park and Recreation Pier for the Borough of Carteret
- ADA Accessible Seawall Project for the Township of Aberdeen
- Vehicle Canopy Projects for the Department of Public Works and for the Police Department in the Township of Piscataway
- Bayfront 1 Redevelopment - Phase 1A Surcharge Program and Support of Infrastructure Improvements for the Jersey City Redevelopment Agency and the Design of the Foundations for a New Pumping Station and a 72-inch Force Main for the Jersey City Municipal Utilities Authority
- Design of the New Sludge Cake Receiving Facility Building for the Northwest Bergen County Utilities Authority
- Structural and Emergency Repairs at the Wastewater Treatment Plant for the Township of Parsippany-Troy Hills
- Structural and Geotechnical Services for the Design and Permitting of the New Ecological Park for the Township of Piscataway
- Structural and Geotechnical Services for the Design and Permitting of the Clark Reservoir Improvements Project for the County of Union
- Geotechnical Services for the Phase 1 Capital Improvements to the Middlesex College Master

SPECIAL STRUCTURAL CONSTRUCTION INSPECTIONS:

- Gilmore School Addition and Renovations, Union City, NJ
- Union City Board of Education 36th Street Parking Garage, Union City, NJ

EXPERIENCE:

Engineering Experience: Over 31 years

RICHARD S. LAFORTUNE, PE

DIRECTOR ELECTRICAL SERVICES



EDUCATION/CERTIFICATIONS

New Jersey Institute of Technology
B.S., Electrical Engineering, 1995

New Jersey Professional Engineer
License No. 24GE04941600

New York Professional Engineer
License No. 091515-01

Virginia Professional Engineer
License No. 0402051236

Pennsylvania Professional Engineer
License No. ALE13624

Maine Professional Engineer
License No. PE13089

Oregon Professional Engineer
License No. 88428PE

Texas Professional Engineer
License No. 129964

Alaska Professional Engineer
License No. ALE13624

California Professional Engineer
License No. 22401

Maryland Professional Engineer
License No. 42623

Professional Engineer / CMNI
NCEES IEEE

GENERAL EXPERIENCE:

Mr. LaFortune has over 20 years of diverse electrical design experience with medium and low voltage power distribution, interior and exterior lighting, grounding systems and life safety systems for telecommunications facilities, governmental, commercial and light industrial projects. He has been responsible for electrical design work, conducting site surveys, supervising engineers, designers and draftsmen to produce contract drawings. He has also prepared technical specifications and coordinated with other trades to avoid system conflict and specify correct electrical system capacities. Mr. LaFortune also has experience in fire protection and suppression systems.

DETAILED EXPERIENCE:

Clark Reservoir Improvements

Location: Clark, NJ

Client: Union County Division of Parks and Recreation

Responsible for creating full electrical power distribution for New Park accounting for voltage drop across all equipment in the park and request for new electrical service. Along with Electrical cost estimation.

Type 2 EV Charger Installation

Location: Brick, NJ

Client: Brick Township

Senior electrical engineer responsible for the design of level 2 Electric vehicle charging stations. Project included new electrical service, sizing and selecting panelboards, cables and conduits for a full and functioning charging station.

Carteret Waterfront Park Amenity Improvements

Location: Carteret, NJ

Client: Borough of Carteret

Senior electrical engineer responsible for the design of new electrical service and distribution to the park. Responsibility included coordination with local utility provider, equipment selection and distribution to the park facilities.

Northvale & Rivervale Pump Stations

Location: Bergen County, NJ

Client: Bergen County Utilities Authority

Responsible for the electrical improvement for the existing pumping station. Project included investigation of the existing electrical system distribution, replacement of existing MCCs to provide power to pumps.

Gloucester County Solid Waste Complex

Location: Gloucester County, NJ

Client: Gloucester County Improvement Authority

Senior electrical engineer responsible for the design of a new electrical distribution for two landfill cells, including the selection of pump control panels, 480/277V and 120/208V power distribution, selected boost transformer, new electrical service, and a 100-kW diesel generator with an integrated radiator load bank.

Berkley Water Treatment Plant

Location: Berkley, NJ

Client: Berkley Municipal Utilities Authority

Developed a comprehensive design for a new standby generator, including the demolition of the existing generator, and the design of electrical connections from the new generator to multiple electrical panels.

Bergen County Aeration Tanks Improvements

Location: Bergen County, NJ

Client: Bergen County Utilities Authority

Assisted in the design of replacing existing aeration tank gates. This included designing power wiring for all gates, electrical panelboards, and connections to the existing SCADA system, routing conduit, and managing various additional tasks to ensure efficient operation. The project aimed to upgrade and enhance the functionality of the aeration tank gates with a fully integrated electrical system.

EXPERIENCE:

Engineering Experience: Over 20 years

BENNETT MATLACK, PE, CME, CFM

DIRECTOR OF MUNICIPAL SERVICES



EDUCATION/CERTIFICATIONS

Rutgers University

B.S., Civil Engineering, 2006

New Jersey Professional Engineer
License No. 24GEO4934600

Certified Municipal Engineer
N.J.M.E.I. Certification No. 13-020

NJ Certified Floodplain Manager
Certification No. US-14-07705

- Design of ADA Curb Ramps
Rutgers University
- NJ Association of Flood Plain Managers Conference
Atlantic City
- Grant Management for Federal Aided Projects
Rutgers University
- Highway Inspection Procedures for Federal-Aid Projects
Rutgers University
- Stormwater Management Design Review Course
Rutgers University

PROFESSIONAL AFFILIATIONS:

- American Society of Civil Engineers
- NJ Society of Municipal Engineers
- ASFPM Certified Flood Plain Manager

GENERAL EXPERIENCE:

Serves clients primarily in management and design of capital improvement projects as well as professional engineering representation for various land use boards throughout the State of New Jersey. Experienced in the preparation and coordination of construction plans, specifications and applications to various Municipal, County and State review and permitting agencies for municipal and county clients.

Municipal and County design and construction administration experience includes the design and construction oversight of roadways, parking lots, streetscapes, traffic signals, boardwalks, parks and public works yards. Experience in the preparation of various permit applications including Flood Hazard Area, Statewide General Permits, Soil Erosion & Sediment Control, and Planning and Zoning Board Applications. Mr. Matlack has represented various planning and zoning boards throughout the state.

DETAILED EXPERIENCE:

CAMDEN COUNTY, NJ

- Haddon Avenue Transit Village Roadway Improvements
(Federally Funded)
- Haddon Ave Gateway (Federally Funded)
- Watsonstown-New Freedom Road
- Wiggins Park Marina
- Station Ave Phases 1& 2

VOORHEES TOWNSHIP, CAMDEN COUNTY, NJ

- Kresson Road Sidewalk Improvements (Federally Funded)

TOWNSHIP OF HOLMDEL

- Holmdel Firehouse
- Crawford's Corner Road, Phases 4-5

MANALAPAN TOWNSHIP, MONMOUTH COUNTY, NJ

- Manalapan Recreation Center Expansion
- Improvements to Iron Ore & High Bridge Roads
- Gordons Corner Road Corridor Improvements

BOROUGH OF BRADLEY BEACH, MONMOUTH COUNTY, NJ

- Lake Terrace Park
- Park Place Avenue Sewer Improvements

TOWNSHIP OF MAPLE SHADE, BURLINGTON COUNTY, NJ

- Improvements to N. Coles Avenue
- Improvements to East Mill Road

TOWNSHIP OF EVESHAM, BURLINGTON COUNTY, NJ

- Evesham Recreation Center
- Improvements to Memorial Field

TOWNSHIP OF DELRAN, BURLINGTON COUNTY, NJ

- Westover Drainage Improvements
- Fairview Sidewalk Improvements
- Stewart Ave. Outfall Improvements
- Improvements to Haines Mill Rd.

TOWNSHIP OF BRICK, OCEAN COUNTY, NJ

- Improvements to Bernard J. Cooke Park
- Roadway Improvements to Lakewood Gardens
- Roadway Improvements to Woodland Valley

MISCELLANEOUS MUNICIPALITIES

- Sanitary Sewer Infrastructure Improvements,
Point Pleasant Beach, Ocean County, NJ
- Improvements to Pine Street, Old Bridge,
Middlesex County, NJ
- Ohio & Atlantic Ave Bikeway - Atlantic City, NJ

EXPERIENCE:

Engineering Experience: 19 years

MICHAEL MCGURL, PLS, CFS DIRECTOR OF SURVEYING



EDUCATION/CERTIFICATIONS

New Jersey Institute of Technology
B.S., Surveying Engineering Technology, 1993

Rutgers University Cook College
B.S., Exercise Physiology, 1985

New Jersey Professional Land Surveyor
License No. GS 38338

Pennsylvania Professional Land Surveyor
License No. SU-054826-E

New York Professional Land Surveyor
License No. 050463-1

New Jersey Certified Floodplain Surveyor
License No. NJ-35

OSHA Trained per 27 CFR 1910.120 (E), (1.2)

OSHA Trained per 27 CFR 1910.120 (E), (3)

PROFESSIONAL AFFILIATIONS:

- NJ Society of Professional Land Surveyors
 - American Congress on Surveying & Mapping
 - National Society of Professional Land Surveyors
 - Tau Alpha Pi National Engineering Honor Society
-

GENERAL EXPERIENCE:

Mr. McGurl has over 40 years of experience in boundary and right-of-way surveying. This experience has included: the preparation of right-of-way documents, large boundary surveys, establishment of horizontal and vertical control networks through land based and satellite techniques, hydrographic and topographic mapping, research of public and private title records, and the preparation of legal descriptions for fee and easement acquisition. Over the past twenty years Mr. McGurl has prepared right-of-way mapping for the New York State Department of Transportation, New Jersey Department of Transportation, New Jersey Turnpike Authority, and various county and municipal clients throughout New Jersey.

SPECIFIC EXPERIENCE:

NYC-DDC Underground Storage Tanks

Design, reconnaissance, construction and adjustment of a GPS Network encompassing the five Boroughs of New York City for the New York City Department of General Services. The GPS Network was controlled by nine (9) horizontal stations (North American Datum of 1927) and five (5) vertical stations (National Geodetic Vertical Datum of 1929). Overall 76 horizontal control points were set from this network. Horizontal (State Plane Coordinates, New York East Zone) and vertical control surveys of 85 hazardous sites within the Boroughs of the Bronx, Brooklyn, Manhattan, Queens and Staten Island, involving the New York City Department of General Services. State plane coordinates were established by GPS. Vertical information was related to the various Borough vertical datums. Several sites required the establishment of astronomic azimuths because the close proximity of man made structures prevented the use of GPS.

Route 25A, Suffolk County, NY

Right-of-Way acquisition & realignment mapping of Route 25-A, Suffolk County, NY, impacting 450 land parcels for N.Y.S.D.O.T., Region 10. Supervise survey department in the day-to-day activities, including: marketing, proposal preparation, review boundary analysis, contract negotiations, billing, accounts receivables and employee relations.

Improvements to GSP Interchange 142, Union, Hillside and Irvington, NJ

Provided the Right-of-Way, storm and sanitary sewer as-built surveys of approximately four miles of U.S. Highway Route 78 (I-78) and three miles of the Garden State Parkway in the vicinity of Interchange 142. The General Property Parcel and Individual maps were prepared in accordance with NJDOT and New Jersey Turnpike Authority standards for twelve parcels.

Main Street & Woodbridge Center Drive, Woodbridge, NJ

Provided Boundary, Topographic, Right-of-Way and utility surveys for the realignment and widening of CR 514 and improved access to Woodbridge Center Drive. The project was immediately adjacent to twenty-five residential and commercial private properties and required the acquisition of fee and/or easement parcels from seven property owners.

Xanadu Recreation Complex, Secaucus, NJ

Prepared the Boundary, Right-of-Way, Topographic, Utility and Hydrographic surveys for the design and proposed development of the Xanadu Complex on the former Brendan Byrne Arena site. Prepared the ALTA-ACSM survey of the Brendan Byrne Arena property, reestablishment of the existing rights-of-ways for New Jersey State Highway Route Nos. 3 and 120, Paterson Plank Road, and a portion of the New Jersey Turnpike immediately adjacent to the proposed development.

EXPERIENCE:

Surveying Experience: 40 years

GARY OLIVA, PE DIRECTOR OF CIVIL ENGINEERING



EDUCATION/CERTIFICATIONS

Roger Williams University, RI
B.S., Engineering, 2003

New Jersey Professional Engineer
License No. 47483

GENERAL EXPERIENCE:

As Director of Civil Engineering, Mr. Oliva manages a design team which provides engineering services to several Municipalities and Counties including design services for various capital transportation projects including roadway rehabilitation, roadway reconstruction, bridge and culvert reconstruction, intersection improvements, traffic signalization, lighting and streetscape improvements, and infrastructure improvements including storm drainage systems and stormwater management, sanitary sewerage systems and water distribution systems.

In addition, Mr. Oliva's team provides design services for park improvements, athletic facility design and associated site improvements. Design services include preparation of engineer's estimates for Project budgeting, preparation of municipal roadway improvement studies, concept designs and alternative studies, preparation of State Grant applications for Project funding, preparation of construction permit applications and supporting documentation. Mr. Oliva attends public meetings including project bid openings, and he prepares reports regarding bid results.

DETAILED EXPERIENCE:

Mr. Oliva's design experience includes the Projects listed below:

- Replacement of Culvert 3-C-73, Jernee Mill Road over Pond Creek
Borough of Sayreville, NJ
Client - Middlesex County
- Replacement of Bridge R-5 on County Route 39 (Florence Avenue) over a Tributary of Chingarora Creek
Borough of Union Beach, NJ
Client - Monmouth County
- Replacement of County Road Culvert over Creskill Brook - Bridge 02C0903
Borough of Demarest, NJ
Client - Bergen County
- W. Century Road Bridge, Borough of Paramus, NJ
Client - Bergen County
- Magnolia Avenue Bridge, Borough of Montvale, NJ
Client - Bergen County
- Greenwood Avenue Bridge, Borough of Midland Park, NJ
Client - Bergen County (ongoing - prepared in 2019)
- Netherwood Avenue Bridge Replacement, PL-37
City of Plainfield and the Borough of North Plainfield, Union and Somerset Counties, NJ
Client - Union County
- Replacement of the Marine Avenue Minor Bridge, SC-22
Township of Scotch Plains, NJ
Client - Union County
- Annual Road Improvement Program
North Brunswick, NJ
Client: Township of North Brunswick
- Annual Milling and Resurfacing Program Woodbridge, NJ
Client: Township of Woodbridge
- Annual Road Improvement Programs
Aberdeen, NJ
Client: Township of Aberdeen
- Annual NJDOT Road Improvement Programs
Rahway, NJ
Client: City of Rahway
- Annual CDBG Road Improvement Programs
Rahway, NJ
Client: City of Rahway
- Reconstruction and Resurfacing of Portions of Certain County Roads - Contract 2020D
Various Townships, Ocean County NJ
Client: Ocean County
- 2025 Road Resurfacing Project
Various Townships, Union County NJ
Client: Union County
- Improvements to Tamarack Golf Course - West Course
East Brunswick, NJ
Client: Middlesex County
- Route 34 Sidewalk Improvements
Aberdeen, NJ
Client: Township of Aberdeen
- Improvement of Smith Street and Highland Avenue Intersection
Woodbridge, NJ
Client: Township of Woodbridge
- Kellogg Park Improvements
Elizabeth, NJ
Client: City of Elizabeth
- Elizabeth River Trail Phase IV
Elizabeth, NJ
Client: City of Elizabeth
- Building Facilities
 - Replacement of elevators at Monmouth County Human Services Building (2013)
 - RFP preparation for replacement / modernization of elevators at Monmouth County Courthouse and John L. Montgomery Care Center
Client: Monmouth County

EXPERIENCE:

Engineering Experience: Over 22 years

DONALD STEVENS, PE

DIRECTOR OF CONSTRUCTION MANAGEMENT AND CONSTRUCTION INSPECTION SERVICES



EDUCATION/CERTIFICATIONS

New Jersey Institute of Technology
B.S., Civil Engineering, 1997

New Jersey Professional Engineer
License No. 46165

PROFESSIONAL AFFILIATIONS:

- American Society of Civil Engineers

GENERAL EXPERIENCE:

A Civil Engineer with over 27 years of construction experience ranging from the design and construction of very complex eco-system restoration projects to heavy civil construction of Mega-Projects. With expertise in project design and management and construction management, overseeing projects with construction budgets ranging from \$5M to over \$750M in South America, the Middle East and the US. Adept at working in adverse conditions and solving complex and challenging problems

DETAILED EXPERIENCE:

Mr. Stevens has managed design phase projects with duties including conceptual design through finished design plan development, specification development, bid development, client expectations and stakeholder management. He has also managed construction phase projects with duties like preconstruction tasks, shop drawings, pay applications, contractor schedule, resolution of construction issues and management of field inspectors and office support staff. Major projects include:

Chesapeake Bay Bridge and Tunnel, Tunnel Expansion

- Used project proposal to establish sequencing, understand funding budgets, and determine required resources vs. available resources for the project
- Established work plans and staffing plans and oversaw the recruitment of project personnel
- Managed the Project Engineers, Field Engineers, Superintendents and Foremen in charge of the day-to-day construction and overall direction of the project and project team
- Met with project team to outline work plans, assign duties, and developed Responsibility Matrix
- Maintained progress schedules and budgets to direct project personnel ensuring work progressed on schedule and within budget
- Provided technical advice to project personnel
- Coordinated with stakeholders; clients, government agencies, permitting agencies, and subcontractors, etc.
- Coordinated all RFIs, Serial Letters, REAs, Submittals, RFPs, QC Deficiencies, Etc. with the client
- Coordinated procurement schedules, shipping, receiving logistics

Kwajalein Atoll, Republic of Marshall Islands, Echo Pier Restoration

- Oversaw the day to day construction activities managing them through two Superintendents
- Overall responsibility for on-site safety, directly managing the site Health and Safety officers
- Managed the staffing of all phases – 150+ employees
- Coordinated all RFIs, Serial Letters, REAs, Submittals, RFPs, QC Deficiencies, Etc. with the client
- Coordinated Procurement schedules, shipping, receiving, logistics

- Maintained schedule, from works schedule, pre-submittal through procurement
- Responsible for all meetings with client, stakeholders, military liaisons Etc.

Doha, Qatar, Services Agreement for CSC for Stadiums, Precincts and Training Sites – Supreme Committee for Delivery and Legacy:
Provided overall coordination and project management to the staff on-site for Demolition Works on Fourth Precinct Stadium, Main Package Works for Al Rayyan Stadium, Enabling Works and Main Package Works for Lusail Stadium, Enabling Works and Main Package Works for Training Sites.

Lincoln Park Tidal Marsh Restoration Project, Hudson County, NJ

Program Manager who oversaw conceptual design through final construction of over 40 acres of tidal marsh restoration along the Hackensack River in Jersey City NJ. Responsible for all aspects of the project from design to administration. Coordination between multiple state agencies and multiple consultants and contractors.

United States Army Corps of Engineers – Middle East District, Dahla Dam Design Project, Kandahar Afghanistan.

Program Manager who oversaw the day to day management of the engineering oversight for Survey Data Collection and Geotechnical Investigations. Coordinated with the US Military, US State Department, Provincial Afghan Government and local officials as well as the USACE to maintain working conditions and stability within the current security conditions. In charge of coordination between LBG personnel, on-site Personnel Security Details (PSDs) and the project risk management company.

EXPERIENCE:

Engineering Experience: Over 27 years

KAREN TWISLER, PLA, LEED-AP BD+C, CPRP DIRECTOR OF LANDSCAPE ARCHITECTURE



EDUCATION/CERTIFICATIONS

Architecture, 2003 Rutgers University, New Brunswick, NJ
B.S., Environmental Planning and Design / Landscape

Rutgers University, Camden, NJ
B.A., English with Emphasis in Journalism, 1994

New Jersey Licensed Landscape Architect
License No. 21AS00098900

Pennsylvania Registered Landscape Architect
License No. LA002723

Delaware Professional Landscape Architect
License No. S1-0000419

North Carolina Professional Landscape Architect
License No. 1966

South Carolina Professional Landscape Architect
License No.1479

Certified Park and Recreation Professional
License No. 10358350

LEED-Accredited Professional for Building
Design + Construction

PROFESSIONAL AFFILIATIONS:

- New Jersey Chapter of the American Society of Landscape Architects, Past President
- New Jersey Recreation and Park Association

GENERAL EXPERIENCE:

Completed design work in AutoCAD from concept through construction for projects including parks and sports fields, planting plans, and streetscapes. Coordinated with multidisciplinary professionals, including surveyors and engineers. Reviewed site plans and subdivision plans for Planning Boards and Zoning Boards. Prepared proposals and grant applications. Developed and presented materials for potential clients and for public meetings. Cost estimates. Inspected landscape installations for performance bond and maintenance bond release.

DETAILED EXPERIENCE: (PRIOR TO CME ASSOCIATES)

- Completed design work in AutoCAD from concept through construction for projects including parks and sports fields, planting plans, and streetscapes
- Coordinated with multidisciplinary professionals, including surveyors and engineers
- Reviewed site plans and subdivision plans for Planning Boards and Zoning Boards
- Prepared proposals and grant applications
- Developed and presented materials for potential clients and for public meetings
- Cost estimates
- Inspected landscape installations for performance bond and maintenance bond release

DETAILED PROJECT EXPERIENCE:

Parks Inventory and Assessment, Cherry Hill, NJ

More than 50 parcels were investigated, and existing conditions were assessed, including circulation, parking, signage, play equipment, seating and other elements. Recommendations and a 5-year spending/improvement plan were provided based on parks determined to be in greatest need.

City Hall Apron Improvements, Philadelphia, PA

As part of the replacement of a 10-inch water service pipe, the northeast corner of the site was reworked to improve circulation and permeability. One unique design feature was the redesign of an honorary plaques for fallen firefighters. The final design of this National Historic Landmark project met the requirements of the Philadelphia Historical Commission, the Philadelphia Arts Commission, the Philadelphia Water Department, Philadelphia Department of Licenses & Inspections, PennDOT and Section 17-11 of the Philadelphia Code.

Inclusive Playground, Hendersonville, NC

From concept to construction, we worked with Henderson County to produce an inclusive playground suitable for all ages and abilities at Jackson Park. A permeable rubber safety surface was utilized. Slides were built onto the hillside to take advantage of the existing grade changes. Covered shade structures were provided along with a variety of play opportunities.

EXPERIENCE:

Landscape Architecture Experience: 21 years

JAMES C. WATSON, PE, PTOE DIRECTOR OF TRANSPORTATION SERVICES



EDUCATION/CERTIFICATIONS

University of Vermont
B.S., Civil Engineering, 1993

New Jersey Professional Engineer
License No. 24GE04452800

Professional Traffic Operations Engineer
Institute of Transportation Engineers

PROFESSIONAL AFFILIATIONS:

- American Society of Civil Engineers
 - Institute of Transportation Engineers
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GENERAL EXPERIENCE:

Mr. Watson has managed and designed various County and Municipal Transportation and Traffic Capital Improvement Projects including signalized and unsignalized intersections, full and partial roadway reconstructions, roadway resurfacing and rehabilitations, bridge and culvert replacements, bikeways, multi-use pathways, and ADA Accessible pedestrian facilities. Mr. Watson has managed and conducted numerous traffic studies and the development of conceptual design layouts necessary to effectively plan future County and Municipal Improvement projects. In addition, Mr. Watson has served many Municipal Planning Boards and Zoning Boards of Adjustment providing site plan and traffic study reviews along with expert traffic testimony related to the potential traffic impacts associated with proposed developments.

DETAILED RELEVANT EXPERIENCE:

Parkway Avenue & Plainsboro Road Intersection Improvements, Plainsboro Township, New Jersey

Project Manager for the design associated with the replacement of an existing traffic signal located within the Plainsboro Village Center in accordance with Plainsboro Township and NJDOT design standards, AASHTO and MUTCD.

Raymond Avenue Bridge Reconstruction PL-20 Over Green Brook, City of Plainfield, Borough of North Plainfield and Borough of Watchung, Union County and Somerset County, New Jersey, Union County Project

Project Manager for replacement of the Raymond Avenue Bridge over the Green Brook which included the design of a replacement bridge, drainage improvements and the approach roadways in accordance with Union County and NJDOT design standards, AASHTO and MUTCD.

Route 9 and Main Street (CR 514) Roadway Improvements, Woodbridge Township, New Jersey

Project Manager for the design associated with the replacement of two (2) NJDOT traffic signals, one (1) new Middlesex County traffic signal, the extension of an existing County culvert, Main Street widening and complete drainage system replacement within Woodbridge Township in accordance with NJDOT, Middlesex County and Woodbridge Township design standards, AASHTO. Developed comprehensive traffic control and staging plans and temporary traffic signal plans as per NJDOT standards and MUTCD.

Intersection Improvements at Riva Avenue and Hardenburg Lane, East Brunswick Township, New Jersey
Project Manager for the design associated with the replacement of an existing traffic signal in East Brunswick Township in accordance with East Brunswick Township and NJDOT design standards, AASHTO and MUTCD.

New Dover Road and Colonia Boulevard Intersection Improvements, Woodbridge Township, New Jersey
Project Manager for the design and traffic analyses associated with the Improvements to an existing unsignalized intersection in accordance with NJDOT design standards, AASHTO and MUTCD.

Mullica Hill By-Pass, U.S. Route 322, Mullica Hill, New Jersey, Gloucester County Project
Project Manager for the traffic related design tasks required to prepare final traffic signal design plans for this fast paced project which replaced an existing traffic signal in accordance with Gloucester County and NJDOT standards, AASHTO and MUTCD.

Replacement of W. Century Road Bridge Over Sprout Brook, Borough of Paramus, Bergen County
Project Manager for the traffic related design tasks associated with the development of Traffic Control Plans required to support multiple construction stages with Detour Plans in accordance with NJDOT, Bergen County and Paramus Borough design standards, AASHTO and MUTCD.

Replacement of Magnolia Avenue Bridge, Borough of Montvale, Bergen County
Project Manager for the traffic related design tasks associated with the development of Magnolia Avenue Full Bridge Closure Detour Plans in accordance with NJDOT, Bergen County and Montvale Borough design standards, AASHTO and MUTCD.

EXPERIENCE:

Engineering Experience: 28 years

PAULO BENATTI, PE SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

New Jersey Institute of Technology
B.S., Engineering Technology, 1994

Essex County College
A.A.S., Civil Engineering Technology, 1989

Plaza School of Drafting, Paramus, NJ
Architectural Drafting Certificate, 1985

Paulista School of Surveying, Sao Paulo, Brazil
Diploma, Land Surveying, 1980

New Jersey Professional Engineer
License No. 49343

PROFESSIONAL AFFILIATIONS:

American Society of Civil Engineers

GENERAL EXPERIENCE:

Design and construction phase services for a wide variety of public transportation and infrastructure projects, including road and intersection improvements, water, wastewater, and storm drainage systems, traffic signals, and parks and recreational facilities.

Bridge facilities experience includes the Maple Ave. Bridge in Plainsboro, NJ, and bridges at Community Park and Sabella Park in North Brunswick, NJ. Large retaining wall experience includes Plainsboro Road in Plainsboro and Sabella Park.

SPECIFIC EXPERIENCE:

Middlesex County

- **Improvements to the Intersection of Ernston Rd. and Bordertown Ave., Sayreville, NJ** - Federally funded project involving replacement of existing Railroad bridge with a 100' span bridge track relocation, signalized inter section reconstruction, storm drainage system improvements.

Township of North Brunswick, New Jersey

- **Community Park** - Sitework, road and pedestrian bridges, retaining walls, utility work, irrigation, and electrical systems.
- **Sabella Park** - Sitework, parking lot and pedestrian bridges, retaining wall, synthetic turf, playing fields, irrigation and electrical systems.

Township of Piscataway, New Jersey

- **Improvements to the Intersection of Possumtown Roadway and Circle Drive** - Intersection reconstruction, installation of new traffic signal, construction of detention basin and storm sewer system, project phasing and traffic control.

Gloucester County

Federally Funded Projects:

- Reconstruction and Safety Improvements of Fries Mill Road and New Traffic Signal at the Intersection Improvement at Hurffville-Cross Keys Road - Washington Township
- Resurfacing and Safety Improvements of Tuckahoe Road and new traffic signal at the intersection with County Road 612 - Franklin Township
- Reconstruction of Bridge 8-K-6 - Grant Avenue Over_Little Ease Run - Franklin Township

- Resurfacing and Safety Improvements of Buck Road and new traffic signal at the Intersection with County Road 610 - Franklin and Elk Township

Middlesex County and State Funded Projects

- Improvements to River Road - I-287 to Johnfield Court - Roadway reconstruction, underground detention basins and upgrade to three intersections
- Improvements to Woodbridge Center Drive - Three signalized intersections upgrade and roadway improvements
- Main Street and Ford Avenue Intersection Improvements Township of Plainsboro

Signalized Intersection Improvements:

- Schalks Crossing Road and Scudders Mill Road Intersection - new traffic signal and jughandle
- Scudders Mill Road and Dey Road Intersection - New Traffic Signal, reconstruct roadway and new storm drainage system
- Maple Avenue and Grovers Mill Road Intersection - new traffic signal

Township of North Brunswick

- Community Park - Grading and irrigation system
- Sabella Park - Grading and irrigation system, retaining wall, pedestrian bridge and parking area
- 2010 - 2024 Road Improvement Programs Roadway reconstruction, storm drainage system

Township of Woodbridge:

- Smith Street and Highland Avenue Intersection - New traffic signal roadway reconstruction
- Reconstruction of Fulton Street - Box Culvert System, roadway reconstruction

EXPERIENCE:

Engineering Experience: 36 years

JOSEPH BONACCORSO S-4, C-4, N-4 SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

Providence College

B.A., Biology, Minor, Chemistry, 1971

Seton Hall University Graduate School

Methods and Philosophy of Teaching, 1976

Middlesex County College

Advanced Wastewater Operations, 1978

New Jersey Institute of Technology Graduate School

Environmental Engineering, 1987

Instructor, Water and Wastewater Treatment

N.J. Dept. of Education

N.J. Department of Environmental Protection

N.J.D.E.P. S-4 License (Highest Level) # S-3236

N.J.D.E.P. C-4 License (Highest Level) #C-3234

N.J.D.E.P. N-4 License (Highest Level) #28020

PROFESSIONAL AFFILIATIONS:

- Water Environment Federation
- N.J. Water Environment Association
- North Jersey Section, NJWEA
- American Water Works Association
- NJAWWA
- N.J.D.E.P. Education Advisory Committee (1987-1993)
- N.J.D.E.P. Advisory Committee on Water Supply &
- Wastewater on Licensed Operator Training (1993-Present)

GENERAL EXPERIENCE:

Joseph Bonaccorso, formerly the Superintendent of the Joint Meeting of Essex and Union Counties, 85 million gallon per day Wastewater Treatment and Collection Facilities in Elizabeth, NJ, is a licensed operator holding top level New Jersey Department of Environmental Protection (NJDEP) licenses in Wastewater Collection System Operation, Wastewater Treatment Operation and Industrial Wastewater Treatment Operation with over 30 years operating experience. He has taught Water and Wastewater Treatment classes for the certification of operators since 1984 and holds certification in Adult Continuing and Vocational Education from the State of New Jersey Department of Education and is an approved NJDEP course instructor.

REPRESENTATIVE WASTEWATER EXPERIENCE:

CME Associates

Provides wastewater treatment plant operational assistance, regulatory assistance and reporting, maintenance assistance and budget strategies for the Joint Meeting as well as with other clients.

Joint Meeting Essex and Union Counties

As Superintendent and Licensed Operator of the Joint Meeting, was responsible for all aspects of Plant and Collection System Operations and Maintenance activities of the 85 MGD Conventional Activated Sludge Facility, including personnel staffing, process control, laboratory, safety. Responsible for contract oversight of Digester rehabilitation and Sludge Drying Facility construction projects as well as writing specifications for material and services, budget development, procurement, plant regulatory reporting. Responsible for the installation and operation of the facility 50 node computer network, computerized plant operating and maintenance data systems.

Passaic Valley Sewerage Commission

As Assistant Superintendent of Maintenance was responsible for developing and enacting the reorganization of the Maintenance and Collection System Department, upgrading the Computerized Maintenance Management System, Streamlining the Preventative Maintenance System, developing the Toxic Catastrophe Prevention Act Maintenance Compliance System, supervising Electrical, Mechanical, Instrumentation, HVAC, Vehicle and Building and Grounds Maintenance Departments. Developed and executed a privatization plan for custodial services. Developed a plan for predictive maintenance for Process Air Compressors and Process Reactors for the PVSC Wet Air Oxidation Facility (Zimpro), supervised the preparation for start-up and commissioning of a mothballed plate and frame filter press facility including 5 three meter presses and appurtenant conveyors, assisted in the start-up of a centrifugal dewatering and lime stabilization facility, wrote specifications for material, services and supply contracts and assisted in the coordination of the material and supply handling and inventory system.

EXPERIENCE:

Consulting Experience: 46 years (Full-time & part-time)
Government Experience : 34 years

DAVID H. COATS, PE

SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

Penn State University
B.S., Civil Engineering, 1978

New Jersey Professional Engineer
License No. 28551

Pennsylvania Professional Engineer
License No. 36353

PROFESSIONAL AFFILIATIONS:

- American Society of Civil Engineers
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GENERAL EXPERIENCE:

Mr. Coats has over 47 years of experience in the design and construction for varied large and small civil engineering projects. His experience includes work as the General Contractor, Subcontractor and Engineer/Construction Manager. His projects includes road and bridge projects, park and recreation facilities, landfill and waste to energy (cogeneration) projects, water and wastewater facilities, emergency and police communications systems and various buildings, including schools, laboratories, nursing homes and industrial plants. His experience includes projects with construction costs varying from \$50k to over \$168M. His experience includes participation in constructability reviews and Value-Engineering teams for a number of projects.

DETAILED EXPERIENCE:

Responsible for all aspects of managing the construction phase services of all public infrastructure projects. Duties include responsibility for preconstruction tasks, shop drawings, pay applications, contractor schedule, resolution of construction issues, management of field inspection and office support staff, and project close-out. Major projects include:

- Ernston Rd and Bordentown Ave intersection Improvements, Sayreville – Construction of 100 foot railroad bridge track relocations, numerous utility relocations and major intersection widening and upgrade.
- Sayreville Water Treatment Plant Expansion – includes membrane filter systems, clarifier, activated carbon filters, and associated work.
- 500,000 gallon spheroid water storage tank in Point Pleasant NJ
- Middlesex Greenway - Construction of a \$4M, 3.5 mile pedestrian path / bikeway on a former rail line, including gateway entrances and appurtenant work.
- ADA Accessible walkway along Aberdeen seawall; 1200ft. long walkway.
- Waterfront protection / stabilization project in South Amboy and Sayreville
- Road Programs in North Brunswick, Aberdeen, Dunellen, Plainsboro, and Milltown. Road improvement projects for Gloucester County and Middlesex County. Total construction cost over \$30M.

- Waterfront Protection project – South Amboy
 - Numerous Park and recreational facilities, including Community Park and Sabella Park in North Brunswick, McCoy Park in Dunellen, athletic fields and facilities for JFK and Woodbridge High Schools, and field and park improvements in Plainsboro.
 - Construction of the Mercer County Tennis Center – an indoor, supported fabric sports facilities structure
 - Numerous stormwater management programs in North Brunswick, Aberdeen, South Amboy and Milltown, including detention basins, the use of bio-retention with underdrain channels, and underground retention basins.
-

EXPERIENCE:

Engineering Experience: 47 years

JEFFREY GERSTACKER SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

New Jersey Institute of Technology
B.S., Construction Civil Engineering Technology, 1991

- Health and Safety for Uncontrolled Hazardous Waste Site Investigation Certification, 40 hours, 1991
 - Municipal Engineering Inspection Certification, 1994
 - Confined Space Training Certification, 1998
 - Asphalt Technology Certification, 1999
 - 8-Hour Hazwopper Refresher Certification, 2018
 - NICET Certified Engineering Technologist, 2016
-

GENERAL EXPERIENCE:

Responsible for construction engineering/site observation services.

Responsible for the construction inspection of capital improvement projects and the site observation of residential, commercial and industrial developments.

Construction administration of water treatment plants, water and sewage pumping stations, water distribution and sanitary collection systems, highway construction, roadway construction, roadway rehabilitation, parks and recreational facilities.

ROAD AND HIGHWAY:

Projects include minor roadway, major highway and intersection improvements. Roadway construction, roadway rehabilitation and roadway evaluations.

The work includes the installation of storm sewer pipe and underdrain systems, water main relocation, earthwork, grading, curb and sidewalk replacement, subgrade preparation, subbase installation, base paving, milling, roadway resurfacing, striping, lighting, signage, traffic signalization and other associated work.

HYDRAULIC AND SANITARY:

Projects include water distribution mains, transmission mains, pumping stations, elevated storage tanks, water treatment plants, wastewater treatment facilities, wastewater pumping stations and wastewater collection systems.

The work includes the installation of cement lined DIP water main, gate valves, fire hydrants, water services, water main cleaning and lining, welded steel potable water storage tank painting, PVC gravity sanitary sewer, bore and jack crossing, micro tunneling, television inspection and infiltration inflow analyses.

PARK AND RECREATIONAL FACILITIES:

Projects include tot lots, comfort stations, baseball fields, soccer fields, football fields, tennis courts, basketball courts and hockey rinks.

The work includes site clearing, site grading, construction of retaining walls, concrete paver block, bituminous concrete walkways, storm drainage systems, irrigation systems, lighting systems, various types of tot lot play structures and site landing.

RECENT PROJECTS:

- 2017 Roadway Paving and Reconstruction Project - Phase 1
Borough of Sayreville
 - Winding Woods Wastewater Pump Station Reconstruction
Borough of Sayreville
 - The Meadows at Middlesex Golf Cart Path Improvements
County of Middlesex
 - Modifications to the Former Bordentown Avenue
Water Treatment Plant Building
Borough of Sayreville
 - Public Safety Complex Cooling Tower Replacement
Borough of Sayreville
-

EXPERIENCE:

Engineering Experience: 44 years

JOSEPH A. GIDDINGS, C.S.E. SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

Stockton State College
B.S., Geology, 1982

Florida Institute of Technology
A.S., Oceanographic Technology, 1979

Cook College, Rutgers University
Continuing Professional Education

NJDEP Certified Subsurface Evaluator
License No. 00016181

- Soil and Site Evaluation for Septic Disposal Systems, 1986
- Understanding Soil Conditions in Wetlands, 1988
- Permit Seminar Series, 1989
- Wetland Systems of the Northeast, 1989
- Technical & Regulatory Training in Underground Storage Tanks, 1992
- Environmental Audits and Site Assessments, 1993
- Hydrology of Wetlands, 1995
- Hydric Soils, 1995
- Methodology of Delineating Wetlands, 1995

GENERAL DESCRIPTION OF EXPERIENCE:

Mr. Giddings has over thirty years of experience in Environmental Regulatory Compliance. The experience includes a wide variety of disciplines including those necessary to evaluate proposed residential subdivisions, commercial and industrial sites, and public park grounds for feasibility from the standpoint of the environmental regulations concerning freshwater wetlands, coastal wetlands, CAFRA, waterfront development and individual subsurface sewage disposal systems. His experience also includes site remediation where he has conducted numerous preliminary environmental assessments, site investigations, remedial investigations and project remedial action oversight.

RELEVANT EXPERIENCE:

State of New Jersey, Turnpike Authority – Reconstruction of Interchange 12:

Project required an extensive wetland delineation of freshwater and coastal wetlands for the interchange construction and for the areas of wetland mitigation. Individual permit applications were required from both the NJDEP and the U.S. Army Corp of Engineers.

Cumberland County - Ravens Wingwalls

The Ravens Bridge Wingwalls project entailed the placement of sheet pile walls to protect the existing bridge foundation, requiring an In-Water, Waterfront Development Permit from the NJDEP, a Nationwide Permit from the US Army Corps of Engineers and a US Coast Guard Permit.

Salem County - Hannah Bridge Replacement

Project required both Freshwater Wetland and Flood Hazard Permit approvals from the NJDEP.

Township of South Brunswick - Route 522 Alignment

The realignment of Route 522 required NJDEP approval for a Freshwater Wetlands Individual Permit and for a Special Water Resources Protection Area authorization for a culvert crossing a Category One Waterway.

Howell Township - Ford Road Reconstruction

The reconstruction of Ford Road involved crossing a Category One Waterway with a new culvert. A Freshwater Wetlands State General Permit was obtained in conjunction with a Flood Hazard Area, Individual Permit.

Borough of Dunellen - Supplementary Railroad Crossing Culvert

The Borough of Dunellen needed to alleviate flooding that had been caused by an undersized railroad culvert. CME prepared extensive Freshwater Wetland and Flood Hazard permit applications that were approved by the NJDEP.

City of South Amboy – Main Street Reconstruction:

Project involved a lengthy delineation of wetlands and preparation of land use permit applications to the NJDEP and the U.S. Army Corps of Engineers.

Cumberland County - Fortescue Rd. Bridge Repairs

The foundation repair for the Fortescue Rd. Bridge required an In-Water, Waterfront Development Permit from the NJDEP, a Nationwide Permit from the US Army Corps of Engineers, and a US Coast Guard Permit.

Township of Manalapan – Iron Ore Road and Highbridge Road Reconstruction:

Project involved a lengthy delineation of wetlands and complicated permit application for wetland and transition area impacts to the NJDEP.

Middlesex County- North Clinton Avenue Bridge Borough of South Plainfield

Project required NJDEP Freshwater Wetlands and Flood Hazard Area permit approvals

EXPERIENCE:

Environmental Engineering Experience: 40 Years

KEITH HENDERSON, PE, PP, PLS SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

B.S., Civil Engineering, Drexel University, 1975
M.S., Environmental Engineering, Manhattan College, 1978

Post Master Study, Biochemical Engineering,
Drexel University, 1984

New Jersey Professional Engineer
License No. 24GE03080400

Pennsylvania Professional Engineer
License No. PE-027367-E

New Jersey Professional Planner
License No. 33LI00357600

Pennsylvania Professional Land Surveyor
License No. SU-001363-A

PROFESSIONAL AFFILIATIONS:

- Water Environment Federation - Lifetime Member
-

GENERAL EXPERIENCE:

Mr. Henderson has more than 50 years of experience in the fields of corporate management, water resources and civil engineering. His expertise includes asset management, rate studies, capital facility planning and financing, stormwater management and water and sewer system design and operation.

He is also experienced in master planning, civil engineering design, scheduling, interpretation of contract plans and specifications, technical analysis, and construction management from initiation to completion.

DETAILED DESCRIPTION OF EXPERIENCE:

Water Commissions and Municipal Utility Authorities

Communities include Barnegat Township Water and Sewer Utility, Lacey Municipal Utilities Authority, Ocean Township Municipal Utilities Authority, Tuckerton Borough Water and Sewer Utility, Mount Holly Sewerage Authority, Pennsauken Sewerage Authority, Plainfield Municipal Utilities Authority, Berkeley Sewerage Authority, Northwest Bergen County Utility Authority, Western Monmouth Utility Authority, Bergen County Utilities Authority, Parsippany-Troy Hills Sewer Utility, Jersey City Municipal Utilities Authority, Old Bridge Municipal Utilities Authority and the Passaic Valley Sewage Commissioners.

Jersey City Municipal Utilities Authority (JCMUA)

Project manager and team leader for the JCMUA water and sewer main rehabilitation and replacement group at CME Associates. Major projects include modeling of Authority's sewer collection system which includes 230 miles of sewers, 16 pumping stations, 26 regulators and 21 netting/screening facilities; the replacement of 100,500 feet of water main (19.0 miles) and 72,250 feet of sewer main (13.7 miles) in an urban environment; slip lining 3,000 feet of the Cross Town Force Main beneath the Hudson Bergen Light Rail and the slip lining of 72-inch and 96-inch pipes beneath Conrail and NJ Transit tracks at the end of Carteret Avenue.

Western Monmouth Utilities Authority (WMUA)

Authority Engineer responsible for implementation of the Authority's Asset Management Plan for their 8 MGD tertiary treatment plant, collection system and pump stations. Recent projects have included new head works, influent pump station rehabilitation, trickling filter improvements, conversion of the disinfection system from Cl₂ to UV, rehabilitation of the tertiary filtration system and the addition of an activated sludge system for nutrient removal.

Designated Municipal Engineer for many municipalities throughout the State of New Jersey. These have included Barnegat Township, Lacey Township, Little Egg Harbor Township, Borough of Seaside Park, Stafford Township and the Borough of Surf City.

Canal Crossing Redevelopment Area, Jersey City, NJ.

Principal-In-Charge for the preparation of 60% design of sanitary sewer collection and water main systems in a 111-acre redevelopment area consisting of outdated infrastructure and large tracts of contaminated brownfields. Work included investigation of existing combined storm/sanitary sewer system, pre and post development water system model, sanitary sewer and water system basis of design reports, preparation of the horizontal and vertical alignment of approximately 17,600 LF of 8-inch - 30-inch diameter sanitary sewer, 74 manhole structures, horizontal alignment of 24,800 LF of 8-inch -16-inch diameter water main, location of fire hydrants, wet taps and valves.

Passaic Valley Sewerage Commission

Principal-In -Charge of many projects in this 330 MGD facility, including design and construction management of a new plant wide security system; and construction management for the reconstruction of the head works, sludge thickening facilities and reconstruction of the final clarifiers. Total construction value of all projects exceeds \$45 million.

Northwest Bergen County Utilities Authority (NBCUA)

Authority Engineer responsible for the planning, design and construction management for all of the Authority's capital projects. Major projects include expansion of the interceptor system into the Borough of Franklin Lakes, reconstruction of the Authority's three major pumping stations, construction of a septage receiving station and new head works at the 16 MGD treatment plant.

Stormwater Management

Stormwater management consultant to the USEPA, NJDEP over 20 municipalities and municipal authorities. Responsibilities included BMP Research, non-point source pollution compliance with NJDEP Phase II Municipal Stormwater Management Permit requirements. Preparation of Municipal Stormwater Pollution Prevention Plans (SPPP), and Municipal Stormwater Management Plans.

EXPERIENCE:

Engineering Experience: Over 50 years

HENRY L. JOHNSEN, PE SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

Clemson University
B.S., Civil Engineering, 1961

Newark College of Engineering (NJIT)
M.S., Civil Engineering, 1964

New Jersey Professional Engineer
License No. 13855

New York Professional Engineer
License No. 41962

Vermont Professional Engineer
License No. 98143

PROFESSIONAL AFFILIATIONS:

- American Society of Civil Engineers
 - NJ Water Environment Association
-

GENERAL EXPERIENCE:

Experience expanding from the design of housing and industrial subdivisions and site plans including water, storm sewers, sanitary sewers, roads and related facilities to complete design and project management of water and sewage treatment plants.

Hydraulic and environmental engineering, including preparation of feasibility reports, project reports, master plans; analysis and design, including specifications of major transmission systems, treatment plants, storage and supply facilities and pumping stations for both potable water and sanitary sewer facilities.

ENVIRONMENTAL AND HYDRAULIC PROJECTS:

Mr. Johnsen's experience prospered at Rist-Frost Associates with design and resident engineering responsibility for the Village of Granville Secondary Sewage Treatment Plant which included trickling filters; the Village of Saranac Lake and Lake Placid secondary sewage treatment plants, which include suspended growth systems; and the City of Saratoga Springs Water Treatment Plant.

While at Killam Associates, Mr. Johnsen's work expanded to include the design and construction management of large regional collection and sewage treatment facilities such as South Monmouth, Western Monmouth, Neptune, Hanover and Berkeley Heights, all of which have trickling filters. Additional activated sludge projects including the Joint Meeting of Essex and Union, Warren Twp., and Rockaway Valley.

Mr. Johnsen's experience continued to thrive at CFM Associates with project management responsibilities for the design of advanced wastewater treatment plants including, rotating biological contactors, oxidation ditches, nitrification, filtration and ultraviolet disinfection for Mendham, Washington Township, and Long Hill Township with oxidation ditches. Industrial pre-treatment experience includes heavy metal removal for Driver Harris, oil removal for Atlas Refinery, and pH control for Proctor and Gamble.

Mr. Johnsen's current success at CME Associates includes project management for both water and wastewater. Projects include the Joint Meeting of Essex and Union Counties Wastewater Treatment

Plant, Delran Township Sewerage Department, Linden Roselle Sewerage Authority, Township of Neptune Sewerage Authority, North Brunswick Water Treatment Plant, Old Bridge MUA, Sayreville Water Treatment Plant, Milltown water and sewerage improvements, City of New Brunswick sanitary and stormwater separation, and the Township of Ocean Wastewater Treatment Plant.

NEW JERSEY CLIENTS:

*Joint Meeting Essex and Union Counties, Linden Roselle Sewerage Authority, Delran Township Sewerage Authority, *South Monmouth Regional Sewerage Authority, *Western Monmouth Sewerage Authority, *Hanover Sewerage Authority, *Berkeley Heights, Long Hill Township, Washington Township Municipal Utilities Authority, Ford Motor Company, Driver Harris Alloys, Six Flags Great Adventure, Proctor and Gamble, Sundor Food Products, Bedminster Township, North Brunswick Township, *Neptune Township Sewerage Authority, Township of Ocean Sewerage Authority, the Borough of Sayreville, Old Bridge MUA, the Borough of Milltown, and the City of New Brunswick.

NEW YORK STATE CLIENTS:

Saratoga Springs, *Lake Placid, *Saranac Lake, Granville, New York State Department of Environmental Conservation, Glens Falls, South Glens Falls, Queensbury, Hudson Falls, Fort Edward and Lake George.

VERMONT CLIENTS:

Brandon Training School, Stratton Mountain Corp., Inglenook Lodge - Jay Peak.

* Co-generation clients

EXPERIENCE:

Consulting & Municipal Experience: 66 years

JOHN E. MESKILL, III, PE, PP, CME SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

Rutgers University College of Engineering
B.S., Civil Engineering, 1986

New Jersey Professional Engineer
License No. 36180

New Jersey Professional Planner
License No. LI00566

Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 682

GENERAL EXPERIENCE:

Construction Inspector: Construction observation for roadway reconstruction, utility installation, 3.0 mg standpipe construction and various municipal Capital / Private construction projects, including measurement of quantities; and preparation of daily reports and as-builts.

Surveying: Rodman, transit man and party chief member in field survey crew; outbound property surveys, aerial control layouts, right-of-way surveys, stakeouts for utilities and buildings; right-of-way and easement property acquisition reviews. Review of general property parcel maps, individual property maps, and descriptions in accordance with the Middlesex County filing requirements.

Engineering: Design and preparation of plans for road construction and reconstruction, street intersections, noise barriers, parking facilities, water distribution systems, storm drainage systems, stormwater detention / retention facilities; sanitary sewage collection / transmission systems, force mains, and pump station facilities including interior piping and valving layout; hydraulic and hydrologic analysis; site plan layouts, site grading patterns, parks and recreation facilities including grass / synthetic turf athletic fields, tot lots, skate parks and comfort / concession buildings; waterfront improvements including boat ramps and observation decks. Design of roadway layouts including grading, vertical and horizontal curves, cross sections and earthwork calculations. Design and coordination of athletic field lighting, drainage and irrigation facilities. Design and engineering review of an 18-Hole Golf Course Renovations project including coordination with Golf Architect and Irrigation Consultant, preparation of plans and specifications for tree clearing, irrigation system, drainage systems; tee box, fairway, green, cart path layouts and upgrades. Rehabilitation of existing sanitary sewer and water distribution systems. Sanitary sewer flow metering studies. Preparation of soil erosion and sediment control plans and details. Design of ADA compliant curb ramps. Quality control reviews of project plans and specifications prior to bid phase. Preparation of cost estimates, plans, specifications and contract documents for various County, Municipal, Board of Education, Private and Capital construction projects.

Construction Management: Overseeing of construction Inspectors and design Engineers; attend meetings with Municipal officials and Contractors, bid phase services including coordination, analysis, and all other tasks relative to same; preparation of progress pay estimates and change orders; review of resident complaints, shop drawing reviews, preparation of as-builts, and alternate layout designs due to unforeseen existing conditions encountered during construction. Design and Engineering review of the Raritan Center Interchange project prepared for the Middlesex County Improvement Authority.

Preparation of plans and permit applications for various NJDEP, NJDOT and Soil Conservation regulatory agencies. Preparation of grant applications for various funding agencies.

Planning, budgeting, scheduling, coordination, alternative analyses and conceptual designs for various projects. Preparation of costs analyses for proposed project improvements required for company proposals. Specifying project design requirements, creating design teams, and issuing tasks.

MUNICIPAL ENGINEERING SERVICES:

Design and construction administration of County, Municipal, Private and Capital construction projects; preparation of water distribution, storm sewer and sanitary sewer studies; Planning Board and Zoning Board services including the review of major / minor subdivision and site plan applications, attendance at Zoning Board meetings, preparation of reports and observation of construction; preparation of grant applications for various agencies; day to day coordination of Capital / Private projects and review of resident complaints.

EXPERIENCE:

Engineering Experience: 39 years

DREW PAVLICK, PE, PP, PTOE, CME, CFM SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

University of Delaware
B.C.E., Civil Engineering, 2011
M.C.E., Civil Engineering, 2012

New Jersey Professional Engineer
License No. 24GE05251600

New Jersey Professional Planner
License No. 33LI00636400

Professional Traffic Operations Engineer
TPCB Certification No. 5606

NJ Certified Floodplain Manager
Certification No. US-16-09127

Certified Municipal Engineer
NJMEI Certification No. 17-18

- Compliance with the Americans with Disabilities Act Rutgers University, July 2011
- Transportation Research Board Annual Meeting Washington, DC, January 2012
- NJDEP Flood Hazard Area Control Act Rules Rutgers University, August 2016
- NJ Association of Floodplain Managers Conference Atlantic City, October 2016-2021
- NJDEP Stormwater Management Design Review Rutgers University, May 2017 & 2021
- Highway Inspection Procedures for Federally Funded Projects

PUBLICATION:

- Pavlick, Drew and Dr. Ardeshtir Faghri. Health Effects of the Built Transportation Environment. University of Delaware. 2012.

GENERAL EXPERIENCE:

Experienced in municipal, private, and academic engineering subfields. Involved in the preparation and coordination of construction plans, specifications, and applications to various Municipal, County, and State review and permitting agencies for private and municipal clients.

Design experience includes preparation of site plans, storm drainage systems, and sediment control plans for various public and private clients. Other experience includes preparation of stormwater reports, flood hazard area studies, environmental impact statements, and site investigation reports.

Municipal design and construction administration experience includes the design and construction oversight of roadways, parking lots, streetscapes, traffic signals, boardwalks, parks, and public building sites. Experienced with federally-funded design and construction/management inspection projects.

Experienced in the preparation of various permit applications including Flood Hazard Area, DEP General Permits, Soil Erosion & Sediment Control, Municipal Utility Permits, and Planning & Zoning Board Applications. Mr. Pavlick has represented various planning and zoning boards and serves as the zoning board engineer for the Township of Brick.

SPECIFIC EXPERIENCE:

Highlands Borough, Monmouth County, NJ

- Cedar St & Jones Creek Bulkhead
- Improvements to Valley Street
- Phase 1 Sanitary Sewer Improvements (NJEIT)
- Snug Harbor Park Improvements
- Marine Place Walkway Improvements (CDBG)

Brick Township, Ocean County, NJ

- Brick Beach I Shower Pad & Parking Lot
- Safe Routes to Schools Lanes Mill & Midstreams (Federal)
- Bernard J. Cooke Park Improvements
- Cedar Bridge Manor Park Improvements
- Airport Tract Bike Trail
- Improvements to Laurelhurst Ph 1 & 2 (NJDOT)
- Lanes Mill Elementary Parking Lot Improvements
- Midstreams Elementary Parking Lot Improvements
- Vanard Drive Roadway Elevation
- Bay View Drive Roadway Elevation (NJDOT)
- EV Charger Installation
- Windward Beach Pier ADA Reconstruction

Atlantic Highlands Borough, Monmouth County, NJ

- Bayside Drive Improvements (3 NJDOT Grants)
- Improvements to East Garfield & Grand Ave (NJDOT)

Atlantic City, Atlantic County, NJ

- Caspian Pointe Pedestrian & Bikeway Connection (Federal)
- Atlantic Avenue Road Diet - Phase 1 (Federal)
- Improvements to Chelsea Area & Albany Ave (Federal)
- Improvements to Chelsea Area & Albany Ave (Federal)
- Improvements to New Hampshire Ave (NJDOT)
- Baltic Ave Paving (Federal)
- Signal Timing Evaluation

Atlantic County, NJ

- Improvements to Jimmie Leeds Rd (CR 561)
- Improvements to Egg Harbor/Green Bank Road Sec 10B

Evesham Township, Burlington County, NJ

- Memorial Sports Complex - Synthetic Field M2

Lumberton Township, Burlington County, NJ

- New Public Safety Building

Bordentown Township, Burlington County, NJ

- Municipal Drive & Germantown Road Pipe Lining

Voorhees Township, Camden County, NJ

- Maiaroto Sports Complex Synthetic Field
- Echelon Road Pedestrian Improvements (Federal)

EXPERIENCE:

Engineering Experience: 12 years

MICHAEL J. ROBERTS, PE, CME SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

The Pennsylvania State University
B.S., Civil Engineering, 2006

New Jersey Professional Engineer
License No. 24GE05152600

New Jersey Society of Municipal Engineers
Certified Municipal Engineer
NJMEI Certificate Number 19-31

PROFESSIONAL AFFILIATIONS:

- NJ Society of Professional Engineers
- American Society of Civil Engineers

GENERAL EXPERIENCE:

Over nineteen (19) years of experience in the preparation, design, coordination, implementation, and review of construction plans, specifications, and local and state agency development applications for various public and private clients throughout New Jersey.

Private site design experience includes the preparation of plans and specifications for land use applications for residential, commercial, and industrial uses, as well as coordination with local land use boards and county and state agencies to obtain wetlands disruption permits, Flood Hazard Area permits, Soil Erosion and Sediment Control, Treatment Works Approvals, roadway access permits, etc.

Public design experience includes the design and construction of municipal and county owned public works facilities, stormwater detention and conveyance facilities, as well as parks and recreation facilities. Mr. Roberts also has significant experience in the preparation of plans and specifications for roadway rehabilitation and new roadway design and construction.

Mr. Roberts currently and/or previously represented the following municipal land use boards as the Board Engineer or Board Traffic Engineer: Berlin Borough, Deptford Township, East Greenwich Township, Haddonfield Borough, Hamilton Township (Atlantic County), Palmyra Borough, Westampton Township, and Winslow Township.

Construction experience includes inspection and oversight for the construction and rehabilitation of municipally owned and operated roadways, concrete bridges and culverts, storm drainage systems, as well as public and private land development projects. Mr. Roberts also has significant design and construction experience on environmental remediation and mitigation projects.

DETAILED EXPERIENCE:

Burlington County, NJ

- Arney's Mount Trail, Springfield, NJ
- Long Bridge Park, Hainesport, NJ
- Willingboro Lakes Park, Willingboro, NJ

Camden City, Camden County, NJ

- Camden City Intersection Improvements, various locations
- Federal and Flanders intersection improvements
- Camden Fleet Garage

Camden County, NJ

- Berlin Park, Berlin Township
- Reverend Evers Park, Camden City
- Centre Street Roadway Improvements, Merchantville and Pennsauken Township
- Whitman Park, Camden City

Cumberland County Improvement Authority

- CCIA Landfill Stormwater Improvements
- CCIA NJDEP Permitting
- Lincoln Avenue (CR 655) Rehabilitation and Burns Avenue Extension

Delran Township, Burlington County, NJ

- Flood mitigation study, Riverside Section
- St. Mihiel Drive and Leon Ave Drainage Outfalls
- Traffic Calming, Grand Boulevard and Tenby Chase

Franklin Township, Gloucester County, NJ

- Lacey Rae Drive Basin Mitigation

Haddonfield Borough, Camden County, NJ

- Crows Woods Fields Sports Complex
- Radnor Field Park Improvements

Haddonfield Township, Mercer County

- Hamilton Township Municipal Complex
- Hamilton Township Municipal Stormwater Conveyance Reconstruction (NJDEP emergency permit)

Kinder Morgan, Woodbridge, NJ

- CPV Woodbridge Energy Center, Phase II
- EPEC Polymers, Former Nuodex Facility

Mercer County Parks Commission

- Basketball Court Reconstruction
- Concessions building and comfort station
- MCPC Turf Fields
- Tennis Court Reconstruction

Middletown Township, Monmouth County, NJ

- Veterans' Housing Facility

Municipal Road Programs, including CDBG and NJDOT Local Aid, Various Locations

- Camden City, Camden County
- Delran Township, Burlington County
- East Windsor Township, Mercer County
- Ewing Township, Mercer County
- Manalapan Township, Monmouth County
- Pennsauken Township, Camden County
- Robbinsville Township, Mercer County
- West Windsor Township, Mercer County

Princeton Township Public Schools, Mercer County, NJ

- Princeton High School Expansion and Drainag Improvements

Philadelphia Water Department

- Green Streets Program, multiple locations

Trenton City

- Assunpink Creek Park, multiple phases

Winslow Township, Cumberland County, NJ

- Roadway Speed Studies, Various Locations
- Schools 2,3, and 6 Site Improvements
- Winslow Township Senior Center Improvments

EXPERIENCE:

Total Experience: 19 years

Construction Experience: 15 Years

Engineering Design Experience: 13 Years

Environmental Experience: 8 Years

ROLAND ERIC ROBINSON, PE, CME SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

New Jersey Institute of Technology
B.S., Civil Engineering, 1998

New Jersey Professional Engineer
License No. 24GE04513200

Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 05-30

EXPERIENCE:

Engineering Experience: 27 years

PROFESSIONAL AFFILIATIONS:

- American Society of Civil Engineers
 - Chi Epsilon, National Civil Engineering Honor Society
-

GENERAL EXPERIENCE:

Duties include: design and preparation of engineering plans and specifications for Municipal, Private and State construction projects. These design projects include: construction and/or reconstruction of roadways; intersection and traffic signal improvements; intersection and traffic signal improvements; site plan layouts; sanitary sewer, storm sewer and potable water distribution system installation and improvements; and parks and recreation facilities.

Specific responsibilities relative to the above mentioned projects include: initial site feasibility studies for design; design of roadway layouts including grading, vertical and horizontal curves, cross sections, and earthwork calculations; traffic studies including data collection and analysis; analyzation of signalized and unsignalized intersections using HCS software; geometric intersection design in accordance with AASHTO standards; traffic signal design in accordance with MUTCD and NJDOT standards; warrant analyses in accordance with MUTCD; development of traffic control plans according to MUTCD; design of ADA compliant curb ramps; quantity calculations; preparation of construction cost estimates and scheduling; the design of storm drainage systems (TR-55 and Rational Methods); design of sanitary sewer systems (capacity analysis and line sizing); design of potable water systems; preparation of soil erosion and sediment control plans; culvert, hydrologic, and hydraulic analyses; and coordination, scheduling and filing of permit applications to County and State agencies. Duties also include construction administration for these projects, including shop drawing review and construction management.

Municipal Engineer duties include: reviewing of major/minor subdivisions and site plans of residential and commercial developments for Municipal Zoning and Planning Boards for compliance with all Municipal standards, and preparation of reports thereof; preparation of feasibility studies and master plans; preparation of bond estimates; and overseeing of development projects during construction.

MOHAMMED SIDHOUM, PH.D, BCEEM SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

B.E., Chemical & Cryogenic Engineering,
Algerian Petroleum Institute, 1978

M.S., Chemical Engineering,
Stevens Institute of Technology, 1985

Ph.D., Chemical Engineering,
Stevens Institute of Technology, 1988

Master of Technology Management,
Howe School of Management, 2005

Board Certified Environmental Engineer

PROFESSIONAL AFFILIATIONS:

American Institute of Chemical Engineers
New York Academy of Sciences

American Academy of Environmental Engineers

PROFESSIONAL BACKGROUND

Dr. Sidhoum has a demonstrated expertise in areas of domestic and industrial water & wastewater treatment, landfill leachate treatment, solid waste management, energy audits, biogas valorization, membrane-based separation processes, physicochemical and biological processes, air pollution control engineering, fate and transport modeling of contaminants, chemical and mechanical engineering, financial analyses & engineering economics.

Dr. Sidhoum has managed numerous projects funded by the US Department of Defense, NASA, State and federal Agencies, US private and municipal sectors, and many foreign countries. Dr. Sidhoum has designed and implemented conventional and innovative water and wastewater treatment technologies in the US and overseas. Dr. Sidhoum has extensive experience practical experience in water and wastewater operations trouble shooting and optimization resulting in substantial cost savings.

Dr. Sidhoum has authored more than fifty research/consulting reports and articles in many scientific journals and conference proceedings; a chapter textbook and is a peer reviewer for many scientific journals and has advised Master and Ph.D. students.

GENERAL DESCRIPTION OF EXPERIENCE:

- Design, Permitting and Contract Bidding of Compact Package Treatment Systems for the removal of PFAS for two NJ Municipalities.
- Conducted a pilot study for PFAS removal from drinking water for a Municipality in New Jersey
- Trouble shooting of a 14 MGD Municipal potable water treatment plant in NJ
 - Brought the plant operation from 50% to its full design capacity.
 - Conducted extensive testing (bench scale; pilot and test runs) to optimize plant operation
 - Reduced drastically annual consumption of coagulant chemicals and lime
 - Designed, constructed and operated a pilot unit demonstrating an additional 40% reduction in lime consumption
 - Troubleshooting the operation of ultrafiltration hollow fiber filtration modules. Modified manufacturer's CIP procedure which resulted in restoring membrane modules performance.

- Design and procurement of UV disinfection systems for two wastewater treatment plants.
- Conceptual design of a membrane bioreactor and reverse osmosis system for the treatment of 100,000 GPD leachate with groundwater recharge of treated effluent.
- Troubleshoot root causes of drastic chlorate increase in process water. Directed the EPC for three innovative on-site chlorine dioxide generators and upgraded the water treatment system for the largest shrimp farming and processing plant in Honduras.
- Developed operating procedures for plant operators and supervisors at a 30 MGD wastewater treatment plant in North Africa.
- Field Project Manager and QA/QC Officer for the New Jersey Toxics Reduction Workplan sediments, water and Hydrodynamic monitoring for NY/NJ Harbor.
- Development of local limits of industrial discharges for POTWs
- Managed the revamping of a 50,000 GPD compact activated sludge wastewater treatment plant.
- Design of remediation treatment systems for contaminated sites (groundwater and soils)
- Design of leachate treatment systems through a combination of physical and biological systems
- Development of local limits for POTWs
- Design of remediation treatment systems for contaminated sites (groundwater and soils)
- Developed a new process and directed a pilot study at an Army Ammunition Production Plant for the biological treatment of process water contaminated with Perchlorate
- Destruction of energetic compounds (RDX, HMX, and TNT) in aqueous waste streams using zero valent iron followed by biological treatment
- Technology development and pilot demonstration unit for the destruction of the explosive RDX by alkaline hydrolysis followed by biological treatment.
- Developed a novel greywater biological treatment system under micro-gravity conditions for NASA interplanetary space missions
- Design of immobilized packed bed bioreactors for the removal of ammonia from wastewater.
- Taught graduate courses at Stevens Institute of Technology
 - Physico-Chemical Process for Water Treatment
 - Biological Processes for Wastewater Treatment

EXPERIENCE:

Engineering Experience: 47 years

EDWARD TRAINA, PE SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

Stevens Institute of Technology
B.E., Mechanical Engineering, 1988

New Jersey Professional Engineer
License No. 38241

Pennsylvania Professional Engineer
License No. 61527

PROFESSIONAL AFFILIATIONS:

- Central NJ Water Environment Federation
- American Society of Mechanical Engineers

GENERAL EXPERIENCE:

Mr. Traina has been involved in various stages of client and project management, conception, design, permitting, bidding and engineering services during construction for a wide variety of potable and wastewater projects and clients, including suburban and urban municipalities and Authorities.

Hydraulic, mechanical, and project design/management and construction engineering services of potable and non-potable water systems including storage, pumping facilities and treatment and distribution systems, and of sanitary and combined sewer systems, including collection systems and pumping facilities, and upgrades of, modifications to, and expansions of various treatment facilities.

Coordination with regulatory agencies, permit application preparation and submission and reception of applicable permits, including air pollution control, New Jersey Pollutant Discharge Elimination System, safe drinking water and treatment works applications to construct and operate. Application and coordination with various entities regarding project funding methods including the New Jersey Environmental Infrastructure Trust and United States Department of Agriculture.

Mr. Traina's experience includes client management for a number of water and/or sewer Authorities involving Commissioners Meeting attendance, project conceptualization and coordination, applications and presentations for local approval and coordination with other local, county and state level project stakeholders.

WASTEWATER PROJECTS:

Mr. Traina performed management, design, permitting, bid and construction phase engineering services for a wide variety of sanitary and combined sewerage systems including the rehabilitation of anaerobic digester and sludge storage tanks, replacement of digester mixing systems, construction of sodium hypochlorite and dechlorination facilities, and was involved in the installation of 350 hp variable frequency drives, design of a plant-wide SCADA system, a NJPDES permit appeal and development of permit compliance reports. Mr. Traina also oversaw numerous design and construction projects for new sewage pump stations and the rehabilitation of or modifications to existing sewage stations ranging up to 50-mgd capacity including a 2.5 mgd, 125 psi sewage pump station involving extensive modeling for the re-use of a 90 year-old, 9000-foot long cast iron force main; the conversion of buried can-type sewage pump stations to submersible style stations; the replacement of

large antiquated sewage pump stations with submersible stations; slip-lining of several thousand feet of deteriorated 54-inch concrete cylinder pipe under a railroad; extensive replacement and/or rehabilitation of existing large diameter combined sewers in an urban environment; the installation of 8 pump station bypass systems and the reconstruction of two beachside sewage pump stations in flood zones utilizing transportable and/or storm resistant structures, all utilizing a single interconnected force main; performance of inflow and infiltration studies; and various other facility and equipment upgrades and installations for a variety of clients.

WATER PROJECTS:

Mr. Traina has been involved in a variety of aspects of the management, design, permitting and construction of water system facilities for suburban and urban clients, including the design and construction of a 7-mgd potable water treatment plant and the subsequent 7-mgd expansion utilizing membrane filtration; rehabilitation and upgrade of water treatment plants ranging in size from less than 1 mgd to 14 mgd; a 10.4 mgd, 100 psi potable water pumping facility; 2-mg and 10-mg ground level and two 1-mg elevated storage tanks; rehabilitation of various elevated and ground level water tanks from 0.5 to 10-mg; and installation of new and replacement of existing treatment plant and distribution system-wide SCADA systems. Many distribution system improvements projects included extensive replacements of existing in-service water mains, some in State highways and City streets with many existing surrounding utilities and conflicts; directional drill and jack-and-bore installations; construction of interconnecting pressure control and bulk meter facilities located in City streets requiring extensive local authority and traffic control; chlorination facility rehabilitation; large diameter aqueduct studies and reviews of proposed crossings; and computer based water system modeling.

EXPERIENCE:

Engineering Experience: 35 years

GARY A. WHITE, PE, PP, CME, CPWM SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

Rutgers University Cook College Continuing Education Program
B.S., Civil Engineering, Drexel University, 1989

New Jersey Professional Engineer
License No. 24GE03921200

Certified Municipal Engineer
N.J.M.E.I. Certification No. CME 506

New Jersey Professional Planner
License No. 33L100542400

Certified Public Works Manager
Certificate No. M-0839

GENERAL EXPERIENCE:

Mr. White is responsible for client relationships, development, and project oversight. He has worked for many municipal and county governing bodies and planning and zoning boards over many years, and as a matter of course, with local, regional, and state agencies, including the NJ Pinelands Commission, the NJDEP, the NJDOT, and the NJ Department of Community Affairs. His experience includes a wide variety of planning, civil engineering design, and construction services involving municipal facilities and equipment, and including streetscapes, roadways, recreational areas, water, wastewater, stormwater management, utilities, dam and floodplain management, and maintenance. He has an extensive understanding of New Jersey's Land Use statutes and regulations from representing many planning and zoning boards and providing advice on land use issues, development, and redevelopment, reviewing planning and zoning applications, and providing site improvement construction inspection services.

MUNICIPAL EXPERIENCE:

WINSLOW TOWNSHIP ENGINEER

Mr. White currently serves at the Winslow Township Engineer and has served in this position since 2009. In this role, Mr. White's duties include oversight of maintaining and improving the township's infrastructure while ensuring compliance with local, state, and federal regulations. Responsibilities include overseeing construction of all projects approved by the Planning and Zoning Board to ensure compliance to the Winslow Township Code and applicable laws.

WINSLOW TOWNSHIP ZONING BOARD ENGINEER & PLANNER

Mr. White currently serves at the Winslow Township Engineer and has served in this position since 2007. In this role, Mr. White provides Engineering Services for various Winslow Township Infrastructure projects. Responsibilities include review of all applications to the Zoning Board for use variance, site plan, and major subdivision to ensure all engineering projects meet environmental, safety, and zoning regulations along with the new NJDEP Stormwater Management Rule. Coordination with the New Jersey Pinelands Commission for all projects located in the Pinelands section in Winslow Township.

MUNICIPAL AND COUNTY EXPERIENCE:

Wyndham Hill Pavement Preservation, Phase 1 & 2 - Provided engineering services for the Wyndham Hill pavement preservation project. The project involved the micro-resurfacing of the development streets within the Wyndham Hill development. The development streets within Wyndham Hill consist of over six (6)

miles of roadway. Wyndham Hill has multiple entrances off both Chews Landing Road (County Route 704) and Erial Road (County Route 706). The project consisted of repairing any pavement failures or utility cuts and then micro-surfacing from existing curb to curb on all developing streets. The project also included replacing existing sidewalk ramps with ADA compliant ramps, striping of crosswalks and replacing all inlet curb pieces with Type N-Eco curb pieces. The work included reconstruction of crosswalks, stop bars, and speed hump pavement markings.

Oak Forest Pavement Preservation - Oak Forest Pavement Preservation project involved the micro-resurfacing of the development streets within the Oak Forest development. The development streets within Oak Forest consisted of over two and a half (2.5) miles of roadway. Oak Forest has multiple entrances off Old Erial Road and the project consisted of repair to all pavement failures or utility cuts needed. Micro-surfacing was performed from existing curb to curb on all developing streets. The project would include replacing existing sidewalk ramps with ADA compliant ramps, striping of crosswalks and replacing any inlet curb pieces that are not Type N-Eco curb pieces or bicycle safe grates. The micro-surfacing of Oak Forest helped the Township preserve the existing roadway network in the development. The development was constructed in the 1980's, and the pavement was showing signs of wear and fatigue. Base and utility cut repairs, as well as crack-sealing and micro-surfacing from curb to curb, helped Winslow Township preserve and extend the pavement life of over 2.5 miles of municipal roadways. The roadway networks represented access to over 300 dwelling units. With a network of over 200 centerline miles of municipal roadways, Pavement Preservation was very important and a high priority to Winslow Township.

Virtua Health System Hospital, Cancer Center, Surgical Center, Day Care facility, Diagnostic Imaging Center, Lodging, and Conference Center - Responsible for review of the General Development Plan (GDP) and corresponding Preliminary and Final Site Plans totaling 1.5 million square feet of a medical campus for the Voorhees Township Planning Board. Responsibilities during review included grading and drainage plans; sanitary sewer plans; roadways and parking plans; lighting plans; and landscaping plans. Because the project adjoins well-established residential neighborhoods, special attention was provided for traffic circulation, landscaping and buffering. Also responsible for Construction Management and Inspection of Phase 1, \$15 million in site improvements including coordination and supervision of inspectors, inspection of the reconfiguration of an existing local roadway alignment, traffic signal installations on State Highway Route 73 and the installation of new asphalt access roadways into and out of the hospital facility.

Galloway and Winslow Townships Master Planning Services - Provided updates, revisions, and complete new Master Plans to meet growth demands. Developed and implemented new land management ordinances and zoning districts to establish design standards consistent with the goals and visions for build-out of particular areas by reviewing development patterns and providing recommendations to planning boards, zoning boards, and the governing bodies.

EXPERIENCE:

Engineering Experience: 36 years

TOM VAN DE SANDE, PLS, CPSI SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

State University of New York,
B.S., Resource Management, 1985

Professional Land Surveyor:
License No. 24G503927800

- NICET – Highway Construction Level II
- Construction Site Safety Awareness Workshop
- 8-Hr Haz whooper Refresher Course Certification, 2009
- Certified Playground Safety Inspector
- Asphalt Technology Certification, 1999
- Municipal Engineering Construction Inspection, 1999
- Confirmed Space Training Certification, 1998
- Health and Safety for Uncontrolled Hazardous Waste Site Investigation Certification, 1991

GENERAL EXPERIENCE:

Responsible for construction engineering / site observation services. Responsible for the construction administration of capital improvement projects, and the site observation of residential, commercial, and industrial developments.

Construction administration of water treatment plants, water and sewage pumping stations, water distribution and sanitary collection systems, highway construction, roadway construction, roadway rehabilitation, and parks and recreation facilities.

ROAD AND HIGHWAY:

Projects include minor roadways, major highway, and intersection improvements; roadway construction, rehabilitation and evaluations.

HYDRAULIC AND SANITARY:

Projects include water distribution mains, transmission mains, pumping stations, elevated water storage tanks, water treatment plants, wastewater treatment facilities, wastewater pumping stations, and wastewater collection systems; combined sewer separation / rehabilitation.

PARKS AND RECREATION FACILITIES:

Projects include County parks, tot lots, comfort stations, baseball fields, soccer fields, all types of athletic surfacing, football fields, tennis courts, basketball courts, skate parks, and boat ramps.

DETAILED EXPERIENCE:

River Road Waterfront Park - Phase II Borough of Sayreville, NJ

Responsible for the daily construction management of this Municipal project along the Raritan River. Project included the installation of a 230' long observation deck, waterfront shelter, boat launching ramps, piers, and floating docks.

Sayreville Water Treatment Plant Borough of Sayreville, NJ

Responsible for the daily construction management of a new 7 MGD potable water treatment plant. Construction included mixing tanks, dissolved air flotation system, multi-cell.

Water Treatment Plant North Brunswick, NJ

Provided resident engineering services to CH2M Hill/for the construction of a new 10 MGD potable water treatment plant including concrete open top equalization tanks, concrete gravity filter/administration bldg., conversion of existing backwash holding tanks to gravity thickeners, SCADA system installation.

Raritan Street Park and Ride Sayreville, NJ

Daily construction management of a 308 commuter parking lot including storm water facilities, site lighting and lawn irrigation, curbing, paving, striping, two shelters and coordination NJHA Garden State Parkway.

Morgan Area Water System Improvements Phase I and II Sayreville, NJ.

Construction management of a two phase water main system upgrade totaling 4.8 million dollars. Upgrades included cleaning and lining of 50,600 lf of existing 6" and 8" water mains, and installation of 5,000 lf of 6" and 8" new water mains. Coordination w/residents of the by-pass system installation.

EXPERIENCE:

Construction Management Experience: 38 years

MATTHEW R. ZWINGRAF, PE, CME, CFM

SENIOR PROGRAM MANAGER



EDUCATION/CERTIFICATIONS

Lafayette College

B.A., Engineering Studies, 2011

New Jersey Professional Engineer
License No. 24GE05628500

New Jersey Society of Municipal Engineers
Certified Municipal Engineer No. 18-37

Certified Floodplain Manager
Certification No. US-17-10139

- OSHA 30 Hour Construction Safety & Health Certification, 2023
- NJDEP Stormwater Design Review Course, June 2021
- ADA Curb Ramp Seminars
CAIT, Rutgers University, 2015 & 2021

GENERAL EXPERIENCE:

Skilled in the scoping, preparation, and coordination of construction documents, public bidding, and construction administration for capital improvement projects on behalf of municipalities, county agencies, and school districts. Also experienced in managing private development projects in conjunction with architectural design teams.

Municipal engineering expertise includes roadway and streetscape improvements, waterfront redevelopment, public parks, synthetic turf athletic fields, and municipal complexes.

Private development experience includes leading the design and permitting of major site plans and subdivisions for residential, commercial, and mixed-use projects. Areas of technical focus include stormwater management, sanitary sewer and water main extensions. Provides expert professional testimony before Planning and Zoning Boards across New Jersey.

Regulatory and permitting experience in obtaining approvals from various County, State, and Federal agencies including municipal land use boards, NJDEP Flood Hazard Area, Freshwater Wetlands, Waterfront Development, Treatment Works Approvals, and Water Systems Engineering, DRCC, Soil Conservation Districts, and local public utility providers.

Experience in the development and administration of grant and funding applications for public infrastructure projects through NJDEP Green Acres & ONRR, NJDOT Local Aid, USDOT FTA, FEMA Public Assistance, and CDBG.

DETAILED EXPERIENCE:

Borough of Carteret, Middlesex County, NJ

- Road Improvement Program (2012-2025)
- Waterfront Marina Phase I: Dredging and Bulkhead
- Waterfront Marina Phase II: Dock, Pier, and Wavescreen
- Waterfront Marina Phase III: Upland Site Improvements
- New Jersey State Police Marine Barracks
- Improvements to the Intersection of Roosevelt Ave.
(CR602) and Minue St.
- Industrial Highway and Middlesex Avenue LFIF Improvements
- Improvements to Cornell Park and Chrome Park

Borough of Keyport, Monmouth County, NJ

- Annual Road & Utility Improvement Programs (2014-2025)
- Fireman's Park Boardwalk Reconstruction
- Waterfront Park Hurricane Sandy Reconstruction
- Beach Park Storm Sewer Outfall
- Main Street Skate Park Improvements
- Benjamin Terry, Verteran's, & Cedar Street Park Improvements

County Agencies & School Districts

- 10,000 Ton Salt Storage Facility, Monmouth County DPW, Freehold Township
- Fire Training Facility, Monmouth County Fire Academy, Freehold Township
- South Orange - Maplewood School District, Essex County, NJ
- Spotswood School District, Middlesex County, NJ
- Metchen School District, Middlesex County, NJ

Private Site Development

- Regency at Monroe (Toll Brothers) – Monroe, NJ
- Pearl Pointe Redevelopment (Peron Development) – Burlington City, NJ
- 21 & 29 Washington Avenue Redevelopment (Kalian Companies), Carteret, NJ
- Washington Lofts Redevelopment (Forte Real Estate), Carteret, NJ
- Freehold Marketplace (Site Centers), Freehold Twp., NJ

EXPERIENCE:

Engineering Experience: 14 years



SECTION 3 | RELEVANT EXPERIENCE

PROFESSIONAL SERVICES

PROFESSIONAL SERVICES



MUNICIPAL ENGINEERING SERVICES

CME delivers comprehensive engineering and consulting services to help municipalities and counties plan, design, build, and maintain the infrastructure and facilities that strengthen their communities. Acting as a trusted partner, we combine technical expertise with a deep understanding of local needs to provide practical, result driven solutions.

General Engineering

- » Serving as Municipal Engineer of Record
- » Review of Subdivision and Site Plan Applications for Planning and Zoning Boards
- » Resolution and Ordinance Preparation
- » Planning & Zoning Board Representation

Public Infrastructure Design & Rehabilitation

- » Roadway Design, Resurfacing, and Reconstruction
- » Sidewalk, Curb, and ADA Compliance Upgrades
- » Intersection and Traffic Signal Design
- » Stormwater Management Systems
- » Sanitary Sewer Collection and Water Distribution Systems
- » Bridge, Culvert, and Retaining Wall Design

Construction Administration & Inspection

- » Preparation of Bid Documents and Contractor Procurement Support
- » Cost Estimating and Value Engineering
- » On-Site Resident Engineering and Inspection Services
- » Construction Scheduling and Progress Monitoring
- » Change Order Review and Claims Resolution

Stormwater & Environmental Compliance

- » Municipal Stormwater Regulation (MS4) Compliance Support
- » Floodplain Management and Resiliency Planning
- » Wetlands Delineation and Environmental Permitting
- » Environmental Impact Statements and Assessments

Parks, Recreation & Public Facilities

- » Park, Playground, and Athletic Field Design
- » Community Building and Municipal Facility Design
- » Streetscape Projects
- » Open Space Planning

Traffic & Transportation

- » Traffic Studies and Transportation Planning
- » Complete Streets Planning and Design

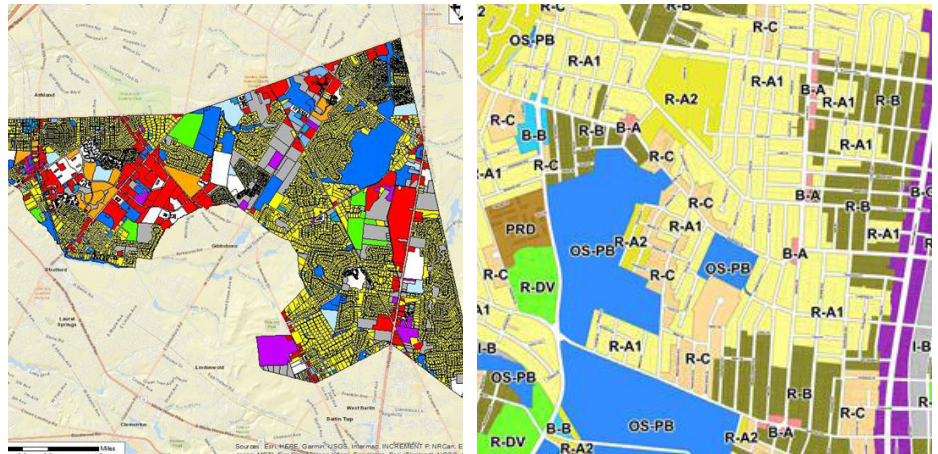
Utilities

- » Water Supply and Treatment Facility Design
- » Wastewater Treatment Plant Upgrades
- » Emergency Infrastructure Assessments and Disaster Recovery Support
- » Utility Coordination and Relocation Management

Grant Writing - Successful in obtaining grants from various funding sources for projects including:

- » NJDOT Local Aid and Federal Aid County Open Space funds
- » Community Development Block Grants (CDBG)
- » Green Acres
- » Hazard Mitigation Grant Program
- » NJ Economic Development Authority (NJEDA)
- » NJ Department of Community Affairs (DCA)
- » Funding Programs and the NJ Infrastructure Bank (I-Bank)

PROFESSIONAL SERVICES



PLANNING AND ZONING BOARD SERVICES

CME delivers trusted, results-driven support to Planning and Zoning Boards across New Jersey, serving as both planners and engineers during public hearings and throughout the development review process. We bring a clear, objective approach to evaluating applications, ensuring that decisions are well-informed, compliant, and in the community's best interest. Our team manages the review, inspection, and oversight of projects ranging from residential units to commercial developments statewide. We guide Boards through complex applications, ordinance preparation, and master planning, helping towns and counties achieve their long-term vision while maintaining regulatory integrity. In addition to providing engineering and planning services to the Boards, our capabilities encompass the full spectrum of planning and zoning capabilities, including the following:

Comprehensive Planning

- » Master Plans and Master Plan Re-Examinations
- » Land Use Plan
- » Housing Element and Fair Share Plan
- » Open Space and Recreation Plan
- » Circulation Plan and Parking Studies
- » Utility Service Plan
- » Community Facilities Plan
- » Conservation Plan
- » Economic Plan
- » Historic Preservation Plan
- » Farmland Preservation Plan
- » Green Buildings and Sustainability Plan
- » Public Access Plan
- » Transit Village Plan
- » Climate Vulnerability Assessment
- » Build-Out/Capacity Analysis

Zoning

- » Land Use Rezoning Studies
- » Zoning Ordinance and Amendments
- » Site Plan and Design Standards

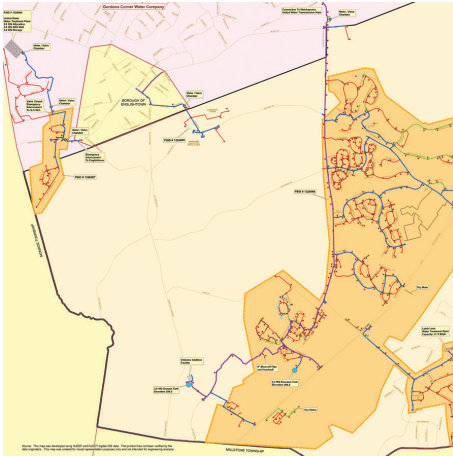
Redevelopment

- » Area in Need of Redevelopment
- » Rehabilitation Studies
- » Redevelopment Plans and Rehabilitation Plans

Housing

- » Fair Share Plans
- » Affordable Housing Administration
- » Rehabilitation Programs

PROFESSIONAL SERVICES

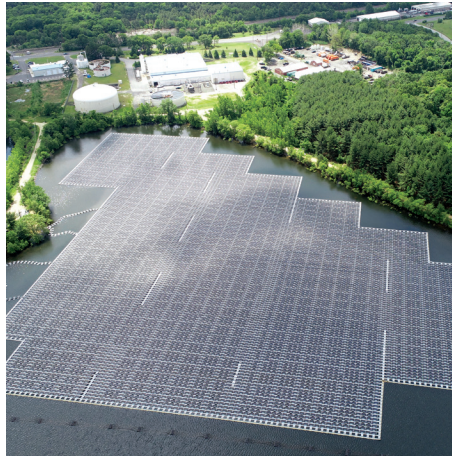


GEOGRAPHIC INFORMATION SYSTEM SERVICES

CME's Professional Planning services are enhanced by our expertise in Geographic Information Systems (GIS), which we integrate seamlessly into every stage of the planning process. Our Planning Division manages the full scope of GIS data creation, analysis, and application, producing high-quality reports, plans, maps, and database systems tailored to our clients' needs. Our GIS services include:

- » Parcel Mapping Preparation
- » Environmental Constraints Analysis
- » Aerial Photography
- » Land Use Mapping
- » Utility Mapping
- » Open Space & Farmland Preservation Mapping
- » Municipal Tax Maps & Parcel-Based Mapping
- » Zoning Mapping
- » Geographic Positioning System (GPS) Data Collection
- » Data Acquisition and Analysis
- » Drug-Free Zone Mapping
- » Circulation & Transportation Planning
- » Street Mapping
- » Full-Color Master Plans
- » GIS Training for Municipal Clients

PROFESSIONAL SERVICES



ALTERNATIVE ENERGY SERVICES

CME Associates delivers innovative, cost-effective, and environmentally responsible alternative energy solutions that help communities and clients reduce costs, increase energy efficiency, and achieve long-term energy goals. Our multidisciplinary team approach to alternative energy projects includes project management, environmental and civil engineering, geotechnical engineering, structural engineering, electrical and mechanical engineering, and surveying services. Our portfolio includes the following:

1. Ground and Roof-Mounted Solar Photovoltaic Systems
2. Onshore Wind Turbine Installations
3. Energy Recovery Projects Such As Landfill Gas-To-Energy and Sludge Digestion Gas-To-Energy Systems

By combining technical excellence with funding expertise, CME delivers a streamlined, coordinated process that reduces risk, improves efficiency, and ensures high-performance alternative energy systems with maximum financial benefit. We take a multi-disciplinary, full-service approach to every project, bringing together the expertise needed to guide a project from concept through completion.

- » Provide Expert Guidance In Securing Funding to Support Alternative Energy Projects
- » Project-Specific Evaluation of Federal, State, and Local Grant Eligibility
- » Application Preparation and Submission Support
- » Post-Grant Administrative Assistance
- » Consulting Services for Program Compliance and Optimization
- » Evaluation and Design of Landfill and Sludge Digestion Gas-To-Energy Projects
- » Design and Bid Preparation
- » Implementation of Energy Projects
- » Comprehensive Energy Audits

PROFESSIONAL SERVICES



CONSTRUCTION PHASE SERVICES

CME Associates has extensive experience delivering construction-phase services for a wide range of capital improvement projects for municipalities, utilities, counties, and state agencies across New Jersey. Our Construction Phase Services Department provides comprehensive program management and construction management, project feasibility, constructibility reviews, construction administration and inspections, construction documentation development, cost estimating and scheduling, bidding assistance, design build construction services and project closeout services to ensure every project is built to the highest standards of safety, durability, and performance. We take a hands-on, detail-driven approach working closely with contractors, stakeholders, and project owners to maintain schedule, control costs, and ensure compliance with all plans and specifications. Our capabilities for construction management and inspection services include the following types of infrastructure projects:

Utility & Infrastructure Construction

- » Earthwork and Grading Operations
- » Storm and Sanitary Sewer Installation and Rehabilitation
- » Force Mains and Jack & Bore Operations
- » Pumping Station Construction and Upgrades
- » Wastewater Treatment Facility Improvements
- » Water Distribution System Installations
- » Water Main Cleaning and Lining
- » Water Treatment Facility Upgrades
- » Water Storage Tank Construction and Rehabilitation
- » Directional Drill Pipe Installations
- » Sanitary Sewer Cleaning, Lining, and Inflow & Infiltration (I&I) Studies

Transportation & Site Development

- » Roadway Resurfacing and Full-Depth Reconstruction
- » Traffic Signalization and Intersection Improvements
- » Retaining Wall Construction and Soil Analysis
- » Concrete Reinforcement and Structural Inspection
- » Pedestrian Bridge Construction and Bridge Inspections
- » Overhead Sign Support Inspections
- » Roadway Evaluations and Construction Estimating
- » Plan Preparation and Construction Surveying

Parks, Recreation & Community Facilities

- » Parks and Recreational Facility Construction
- » Landscape Architecture

PROFESSIONAL SERVICES



ENVIRONMENTAL ENGINEERING SERVICES

CME Associates provides a complete range of Environmental Engineering services and has represented both the public and private sectors on a wide range of projects. Environmental consulting services provided include: Phase I preliminary assessments, site investigations, remedial investigations, remedial actions, brownfield redevelopment, soil and groundwater investigation, regulatory compliance and environmental permit procurement, on-site monitoring of remediation activities, compliance with the Underground Storage Tank regulations, surface and groundwater management, and solid and hazardous waste management including landfill closure and redevelopment projects. Our Environmental services include the following:

- » Brownfields Redevelopment
- » Hazardous Discharge Site Remediation Fund (HDSRF) Grants
- » New Jersey Infrastructure Bank (NJIB) Loan Programs
- » ISRA Compliance
- » Underground Storage Tank (UST) Closure and Remediation
- » Solid and Hazardous Waste Management
- » Solid Waste Engineering
- » Landfill Design and Permitting
- » Landfill Closure and Post-Closure Operations & Maintenance
- » Landfill Redevelopment
- » Landfill Gas Control and Gas-to-Energy System Design
- » Landfill Leachate Management Systems
- » NJPDES Permitting and Compliance
- » Stormwater Management
- » NSPS Reporting
- » General Air Permitting
- » Clean Power Generation
- » Biosolids to Energy
- » Landfill Gas to Energy
- » Food Waste Recycling
- » Land Use Management & Regulatory Compliance
- » Local, Federal, and State Environmental Permitting Applications
- » Wetlands Delineation
- » Threatened & Endangered Species Surveys
- » Section 106 Evaluation
- » Environmental Impact Assessments
- » Title V Operating Permitting and Compliance Monitoring, Record-Keeping, & Reporting
- » Underground Storage Tank (UST) and Aboveground Storage Tank (AST) Inspection, Testing, & Maintenance
- » Preliminary Assessment/ Phase I Environmental Site Assessment
- » Site investigation/ Phase II Environmental Site Assessment
- » Licensed Site Remediation Professional (LSRP) Services
- » Soil and Groundwater Investigation and Remediation
- » Vapor Intrusion Investigations and Remediation
- » Remedial Investigation
- » Remedial Action
- » NEPA Documentation

PROFESSIONAL SERVICES



GEOTECHNICAL ENGINEERING CONSULTANT SERVICES

The Geotechnical Services Division at CME Associates is primarily involved in foundation engineering, subsurface explorations, geotechnical evaluations, soil/rock mechanics, and the preparation of reports providing recommendations for foundation design and guidelines for earthwork. Our geotechnical capabilities include:

Site Investigation & Characterization

- » Geophysical Instrumentation
- » Ground Water Wells & Piezometers
- » Desk Study: Review of Geologic Maps, Aerial Photos, Historical Data, and Previous Reports.
- » Field Exploration: Soil Borings (SPT, CPT), Test Pits and Trenches, Geophysical Surveys
- » Sampling & Logging: Collection of Disturbed and Undisturbed Samples, Borehole and Test Pit Logs

Engineering Analysis & Design

- » Pavement Design: Flexible and Rigid Pavement Thickness Design
- » Foundation Engineering: Shallow Foundations (Bearing Capacity, Settlement), Deep Foundations (Piles, Drilled Shafts)
- » Earthquake & Seismic Hazard Analysis: Liquefaction Analysis, Site Classification (Site Class A-E), Ground Motion Parameters
- » Seepage & Groundwater Control: Drainage Design, Dewatering Plans
- » Slope Stability Analysis: Natural slopes, Embankments, Excavations
- » Earth Retaining Structures: MSE Walls, Sheet Piles, Soldier Piles, Anchored Walls

Construction Support

- » Construction Monitoring: Earthwork Observation, Compaction Testing, Deep Foundation Installation Oversight
- » Instrumentation & Monitoring: Piezometers, Inclometers, Settlement Plates
- » Change Order & Claim Support: Forensic Evaluation of Soil-Related Construction Issues

Specialized Services

- » Geosynthetics and Reinforced Soil Design
- » Forensic Geotechnical Engineering: Investigation of Failures or Performance Issues (e.g., Settlement, Cracking)
- » Ground Improvement: Grouting, Stone Columns, Soil Mixing, Dynamic Compaction

Reporting & Documentation

- » Technical Specifications and Construction Recommendations
- » Geotechnical Data Reports (GDR)
- » Geotechnical Baseline Reports (GBR)
- » Geotechnical Design Reports

PROFESSIONAL SERVICES



STORMWATER MANAGEMENT AND HYDROLOGIC/HYDRAULIC ENGINEERING SERVICES

At CME Associates, we understand that effective stormwater management is about more than drainage, it is about protecting communities, enhancing aesthetics, and preserving both public spaces and private property. Our designs balance technical excellence with sensitivity to environmental and community character, delivering solutions that address immediate needs while supporting long-term resilience. From localized drainage improvements to large-scale flood control systems, CME provides end-to-end stormwater and H&H engineering services tailored to municipal, county, and state needs. We combine advanced modeling, practical design, and regulatory expertise to develop infrastructure that is reliable, cost-effective, and compliant with all applicable standards.

- » Highway, Roadway, Park, and Site Drainage Design
- » Stormwater Management Systems
- » Hydraulic Bridge and Culvert Design
- » Storm Sewer System Design
- » Detention and Infiltration Basin Design
- » Water Quality Treatment Systems
- » Flood Control Facilities and Infrastructure
- » Flood Control Grant Applications and Administration
- » Hydrologic & Hydraulic Stream Studies
- » Hydrologic & Hydraulic Dam Studies and Design
- » Athletic Field Underdrain Systems
- » Pedestrian and Bikeway Bridge Design
- » Stream Cleaning and Restoration Design
- » Shoreline Protection Design
- » Lake and Pond Design, Dredging, and Restoration
- » Municipal Stormwater Regulation (MS4) Program Compliance

Whether it's mitigating flooding, improving water quality, or enhancing recreational spaces, CME delivers solutions that protect resources, safeguard communities, and support sustainable growth.

PROFESSIONAL SERVICES



LAND SURVEYING SERVICES

CME Associates' Land Surveying Department provides precise, reliable surveying services in support of our internal engineering teams as well as a wide range of public and private sector clients. We serve State, County, and Municipal agencies, along with clients in the environmental and construction industries, delivering accurate data that forms the foundation for successful projects. By combining modern technology with advanced instrumentation, CME ensures that every survey meets our clients' scheduling, budget, and accuracy requirements. Our experienced surveyors are skilled in both traditional techniques and cutting-edge GPS/GIS applications, enabling us to address projects of all sizes and complexities. Our land surveying services include the following:

- » Topographic Mapping
- » Establishing Horizontal & Vertical Controls
- » Utility Surveys
- » As-Built Surveys
- » Construction Stakeout
- » Boundary & Title Surveys
- » Engineering Surveys
- » Green Acres & Farmland Preservation Surveys
- » Hydrographic & Riparian Surveys
- » Right-of-Way and Route Surveys
- » Monitoring Well Surveys
- » GPS Surveys and GPS/GIS Data Collection
- » Tax Map Creation & Maintenance
- » Geodetic Surveying
- » Control Surveys
- » Surveys of Contaminated Waste Sites (OSHA Hazwoper Certified)
- » Legal Descriptions of Real Property, Voting Districts, Easements, and Fee Acquisitions

PROFESSIONAL SERVICES



LANDSCAPE ARCHITECTURE AND FORESTRY SERVICES

CME's Landscape Architecture and Forestry Department delivers creative, functional, and sustainable design solutions for land development projects and municipal initiatives. Our team of Licensed Landscape Architects and Licensed Tree Experts combines design expertise with environmental stewardship to enhance community spaces, support regulatory compliance, and preserve natural resources. We provide comprehensive services that range from conceptual design through final implementation, working with both private developers and public agencies to create spaces that are visually appealing, functional, and environmentally responsible.

Landscape Architecture Services

- » Design for Commercial, Residential, and Industrial Site Plans
- » Streetscape Design
- » Recreation and Park Facility Design
- » Comprehensive Landscape Designs
- » Stormwater Management Planting Design
- » Wetland Mitigation and Remediation Planting Plans
- » Detailed Planting Plans and Specifications
- » Area and Accent Lighting Design
- » Presentation Plans and Color Renderings

Forestry Consulting Services

- » Land Use Board Support and Representation
- » Tree Removal Review and Permitting
- » Community Forestry Management Plans
- » Hazard Tree Surveys and Tree Inventories
- » Municipal Shade Tree Commission Consulting
- » Landscape Inspections for Tree Preservation and Bond Release
- » Grant Applications and Tree City USA Program Support
- » Municipal Arbor Day Program Coordination
- » Tree Protection and Removal Ordinance Preparation

PROFESSIONAL SERVICES



PARKS AND RECREATION FACILITIES SERVICES

CME brings extensive experience in the planning, design, and construction of diverse parks and recreation facilities, earning multiple awards for design excellence. Our approach blends functionality, aesthetics, and community needs to create vibrant spaces that encourage recreation, wellness, and social engagement. We provide full-service support from initial concept through project completion, including feasibility studies, master planning, and conceptual designs, as well as detailed construction documents, bid preparation, and permitting. During construction, we offer administration and field observation services to ensure projects are delivered on time, within budget, and to the highest standards of quality. From neighborhood playgrounds to regional athletic complexes, CME designs spaces that are accessible, sustainable, and tailored to the communities they serve. Our services include:

- » Comprehensive Park and Recreation Facility Design
- » Recreation Master Plans
- » Athletic Field Rehabilitation and Synthetic Turf Field Design
- » Inclusive Playgrounds and Recreation Facilities
- » Pedestrian Walkways and Bike Paths
- » Athletic Field Lighting Systems
- » Track and Field Facility Design
- » Recreation Feasibility Studies
- » Waterfront Park and Marina Design
- » Spray Parks and Swimming Pools
- » Municipal Park Rehabilitation and Upgrades
- » Irrigation System Design
- » Skate Parks
- » Multi-Use Trails and Greenways

PROFESSIONAL SERVICES



MECHANICAL, ELECTRICAL & PLUMBING (MEP) SERVICES

CME's multidisciplinary team of Mechanical, Electrical, Plumbing, Fire Protection, Energy, and Utility professionals delivers innovative, cost-effective, and code-compliant building systems for clients across multiple sectors. We partner with clients from the earliest stages concept development, space planning, and needs assessment through final design, construction, and commissioning. By integrating mechanical, electrical, and plumbing expertise with sustainable design practices, we provide solutions that reduce operating costs, optimize building performance, enhance occupant comfort, and improve energy efficiency.

Mechanical – Our mechanical engineering team designs, evaluates, and modernizes building systems to deliver optimal performance and energy savings. Mechanical services include:

- » Refrigeration Systems Design
- » Indoor Air Quality Improvement Strategies Heating, Ventilation, and Air Conditioning (HVAC) Systems
- » Building Automation Systems for Precise Energy Control
- » Facility Condition Assessments to Identify Upgrades and Efficiency Opportunities
- » Central Plants and Mechanical Equipment Selection (Boilers, Chillers, Cooling Towers, Pumps, Air Handling Units)

Plumbing – Our plumbing engineers develop efficient, code-compliant systems that ensure reliable water supply, effective drainage, and occupant safety. Plumbing services include:

- » Gas Piping Systems
- » Storm Drainage Systems
- » Sanitary Sewer System Design
- » Domestic Water Piping and Heating Systems
- » Fire Water Systems Design and Integration
- » Coordination with Mechanical and Civil Design Teams to Optimize System Performance

Electrical – Our electrical engineers design safe, efficient, and resilient power systems, integrating advanced technologies for performance and sustainability. Electrical services include:

- » Fire Alarm System Design
- » Emergency and Standby Power Systems
- » Power Distribution and Detailed Load Calculations
- » Structured Wiring, IT, Audio-Visual (AV), and Security Systems
- » Renewable Energy Integration to Support Sustainable Building Initiatives
- » Lighting Design and Control Systems, including LED and Smart Building Integration
- » Fault Current Analysis and Coordination Studies to Ensure System Reliability

PROFESSIONAL SERVICES



SITE DEVELOPMENT SERVICES

Successful land development demands both vision and precise execution. At CME, we combine technical expertise with practical insight to streamline project design and secure timely public approvals. Our approach balances creativity with efficiency, enabling us to maximize a property's development potential while minimizing improvement costs delivering exceptional value to our clients. From initial site feasibility through design and construction, CME's site engineering team provides comprehensive services that ensure projects are well-planned, cost-effective, and compliant with all regulatory requirements. Some of the Professional Site Development Services provided by CME include the following:

- » Site Feasibility and Due Diligence Analyses
- » Concept Planning
- » Redevelopment Planning and Design
- » Minor and Major Subdivision Design
- » Stormwater Management Studies
- » Utility Plan Design
- » Soil Erosion Sediment Control Plan Design
- » Subsurface Sewage Disposal System Design
- » Regulatory Planning and Permitting
- » Public Bid Document Preparation
- » Expert Professional Testimony

PROFESSIONAL SERVICES



STRUCTURAL ENGINEERING SERVICES

CME Associates offers a broad range of structural engineering services to support both capital improvements and critical infrastructure projects. Our Structural Engineering Department collaborates closely with other in-house disciplines—civil, environmental, and municipal engineering—to provide integrated solutions that meet the unique demands of each project. In addition to design, our team regularly performs structural evaluations and reviews in support of municipal engineering and site development efforts.

Our engineers bring deep technical expertise and practical experience to every phase of a project, from feasibility assessments and concept development through detailed design, inspection, and rehabilitation. We work across a variety of structure types including buildings, bridges, dams, culverts, retaining walls, waterfront structures, and more. Our Structural Services Include:

- » Structural Design for Water and Wastewater Treatment Plant Facilities
- » Foundation Design for Elevated Water Tank Structures
- » Bridge and Culvert Design
- » Waterfront and Marine Structure Design (bulkheads, piers, etc.)
- » Design and Inspection of Retaining Walls and Embankments
- » Building Design and Condition Surveys
- » Slope Stability Analysis and Design
- » Dam Stability Analysis, Design and Inspection
- » Inspection of Sign Supports, and High Mast Light Pole Foundations
- » Rail Bridge and Transit Station Design, Inspection, and Retrofit
- » Seismic Analysis and Retrofit Design
- » Parking Structure Design and “Life-Cycle” Cost Analysis
- » Bridge Asset Management, Condition Assessments, and Maintenance Programs
- » Staging, Constructibility Review, and Life Cycle Cost Analysis
- » Evaluation and Design of Dams

PROFESSIONAL SERVICES



TRANSPORTATION - HIGHWAY DESIGN SERVICES

At CME Associates, we understand that well-designed roadways are vital to the safe and efficient movement of people and goods. Whether modernizing existing infrastructure or developing new transportation corridors, our team delivers innovative and practical highway design solutions tailored to meet today's mobility, safety, and sustainability goals. CME works closely with municipalities, counties, and state agencies to plan and design roadway improvements that are cost-effective, constructible, and sensitive to community context and environmental constraints. From concept through construction, we offer a collaborative, multidisciplinary approach that helps clients secure funding, meet regulatory requirements, and deliver impactful transportation projects. Our Highway and Roadway Design Services Include:

- » Roadway and Highway Design for Local Roads, Arterials and Major Corridors
- » Bicycle and Pedestrian Facility Design
- » Complete Streets and Green Streets Infrastructure
- » Right-of-Way (ROW) and Utility Engineering
- » Concept Development and Alternatives Analysis
- » Hydrologic and Hydraulic Analysis
- » Stormwater Management and Drainage Design
- » Sustainability and Resiliency-Focused Infrastructure
- » Construction Staging and Constructibility Review
- » Corridor Planning, Intersection and Interchange Design, Including Roundabouts

Whether enhancing a neighborhood street or tackling a complex highway corridor, CME provides the technical expertise and strategic insight needed to deliver transportation projects that improve safety, mobility, and community quality of life.

PROFESSIONAL SERVICES



TRANSPORTATION - TRAFFIC ENGINEERING SERVICES

CME Associates provides comprehensive traffic engineering and transportation planning services to municipalities, counties, and transportation agencies across New Jersey. Our team of experienced traffic engineers is committed to enhancing safety, mobility, and efficiency for all roadway users including motorists, pedestrians, bicyclists, and transit riders alike. Whether supporting land development approvals, securing permits, or advancing public infrastructure improvements, CME delivers practical and innovative traffic strategies that align with local, regional, and state goals. Our Traffic Engineering Capabilities Include:

- » Traffic Impact Studies
- » Traffic Capacity Analysis and Signal Optimization
- » Traffic Signal Design and Modernization
- » Multimodal Planning and Design, Including Bicycle and Pedestrian Infrastructure
- » ADA Compliance Evaluations and Accessible Route Design
- » Concept Development and Alternatives Analysis for Intersections and Corridors
- » Maintenance and Protection of Traffic (MPT) Plans and Work Zone Safety Strategies
- » Signing and Pavement Marking Design
- » Major Access Permits and Highway Occupancy Permits (HOPs)
- » Parking Studies and Analysis

With a strong understanding of local regulations, agency requirements, and funding mechanisms, CME delivers traffic engineering solutions that not only meet technical standards but also enhance safety, support smart growth, and improve quality of life for the communities we serve.

PROFESSIONAL SERVICES**WASTEWATER**

The Wastewater Department at CME Associates provides design and support for a wide array of projects. The group performs preliminary and final process designs; prepares construction drawings, bid documents, and permit applications; and participates in construction administration and field observation. The following list highlights the types of projects carried out by the department:

- » Cogeneration Facilities
- » Wastewater Management Plans
- » Federal, State, & Local Permitting
- » Hydraulic Capacity Studies
- » Development Reviews
- » Wastewater Pump Stations
- » Sewage Force Mains
- » Interceptors & Trunk Sewers
- » Wastewater Treatment Facilities
- » Sludge Handling Facilities
- » Sludge Management Plans
- » Capital Projects Facilities Evaluations
- » Small Community Systems
- » Septic Review
- » Subsurface Disposal of Effluent
- » Infiltration & Inflow Remediation
- » Beneficial Reuse of Wastewater & Residuals
- » Rate Studies
- » Vulnerability Assessments

PROFESSIONAL SERVICES**WATER RESOURCES**

CME Associates has extensive experience in water resource management and the planning, design, and construction administration of potable water facilities. We provide feasibility studies and system planning, including master plans performed by advanced computer modeling techniques. The following is a list of services provided:

- » Water Storage Tanks
- » Transmission / Distribution Systems
- » Surface Water Intakes
- » SCADA & Control Systems
- » Water Treatment Plants
- » Booster Pump Stations
- » Production Wells
- » PFAS (Per- and Polyfluoroalkyl Substances)
- » Facility Evaluations
- » Vulnerability Assessments
- » Emergency Response Plans
- » Irrigation Studies
- » Water Master Plans & Modeling
- » Water Reclamation for Beneficial Reuse
- » Source Water Studies
- » Hydro-Geological Studies
- » GIS Utility Mapping
- » Rate Studies

PROFESSIONAL SERVICES



REDEVELOPMENT SERVICES

CME Associates has significant redevelopment planning experience and the processes associated therewith. Our professionals are experts in preparing legally defensible studies to determine the needs for redevelopment, and have written numerous redevelopment plans. Our experience and expertise in the redevelopment process includes:

Redevelopment:

- » Site Identification & Development
- » Site Remediation Studies / Oversight
- » NJDEP Brownfields
- » Grant Applications
- » Infill Redevelopment Planning
- » Grayfield Redevelopment (Blighted Commercial Areas)
- » Multi-Modal Transportation & Transit Planning and Engineering

Requests for Qualifications:

- » Preparation
- » Evaluation
- » Negotiations
- » Redevelopment Agreements
- » Funding – Public/Private

Ordinance Development:

- » Engineering Design Constraints
- » Environmental Considerations
- » Infrastructure Studies
- » Off-Tract Improvements
- » Permit Requirements

Site/Subdivision Review for Compliance:

- » Site Parameters
- » Utilities
- » Environmental Considerations
- » Infrastructure
- » Solid Waste / Recycling



SECTION 3 | RELEVANT EXPERIENCE

PRINCIPAL CLIENTS AND REFERENCES

PRINCIPAL CLIENTS & REFERENCES

Aberdeen	East Orange Water Commission
Absecon	Edgewater
Atlantic City	Edgewater Park
Atlantic County	Edison
Atlantic County Utilities Authority	Elizabeth
Atlantic Highlands	Englewood
Avalon	Essex County
Barnegat	Essex County Improvement Authority
Bass River	Estell Manor
Bayonne	Evesham
Bayshore Regional Sewerage Authority	Fair Haven
Beach Haven	Fair Lawn
Beachwood	Fairfield
Beachwood Sewerage Authority	Fanwood
Belleville	Flemington
Bergen County	Florence
Bergen County Housing Authority	Franklin (Gloucester County)
Bergen County Improvement Authority	Franklin (Somerset County)
Bergen County Utilities Authority	Franklin Township Sewerage Authority
Bergenfield	Freehold Borough
Berkeley	Freehold Township
Berkeley Township Municipal Utilities Authority	Galloway
Berlin	Gloucester
Bloomfield	Gloucester County
Bloomingtondale	Gloucester County Health Department
Bordentown	Gloucester County Improvement Authority
Bradley Beach	Gloucester County Utilities Authority
Brick	Haddon
Brick Township Municipal Utilities Authority	Haddon Heights
Bridgeton	Haddonfield
Brigantine	Hamilton
Burlington	Hamilton Bureau of Water Pollution Control
Burlington County	Hazlet
Burlington County Bridge Commission	Hazlet Township Sewerage Authority
Burlington County Department of Parks	Highland Park
Camden Community Partnership	Highlands
Camden	Hillsborough
Camden County	Holmdel
Camden County MUA	Howell
Cape May City	Howell Municipal Utilities Authority
Cape May County	Hudson County
Carteret	Irvington
Carteret Port Authority	Jackson
Carteret Redevelopment Agency	Jersey City
Cranford	Jersey City Redevelopment Agency
Cumberland County	Jersey City Municipal Utilities Authority
Cumberland County Improvement Authority	Joint Meeting of Essex & Union Counties
Cumberland County Utilities Authority	Keansburg
Delran	Keyport
Deptford	Lacey
Deptford Township Municipal Utilities Authority	Lake Como
Dover	Lakewood
Dumont	Lakewood Municipal Utilities Authority
Dunellen	Lavallette
East Brunswick	Lenape Regional School District
East Brunswick Utilities Department	Linden
East Greenwich	Little Falls
East Newark	Lumberton
East Newark - Board of Education	Long Branch
East Orange	Manalapan

PRINCIPAL CLIENTS & REFERENCES

Manasquan	Rahway Valley Sewerage Authority
Manasquan River Regional Sewerage Authority	Red Bank
Mantua	Riverside
Maple Shade	Roselle
Maplewood	Roselle Public School District
Marlboro	Rumson
Marlboro Water Utility Division	Salem County
Matawan	Salem County Pollution Control Finance Authority
Mercer County	Sayreville
Mercer County Park Commission	Sayreville Board of Education
Mercer County Improvement Authority	Seaside Park
Metuchen	SERA – Sayreville Economic Redevelopment Agency
Middle	Scotch Plains
Middletown	Somerset County
Middlesex County	South Amboy
Middlesex County Improvement Authority	South Amboy Redevelopment Agency
Middlesex County Utility Authority	Southampton
Millburn	South Bound Brook
Millstone	South Brunswick
Milltown	South Monmouth Regional Sewerage Authority
Millville	South Plainfield
Monmouth County	South River
Monmouth Beach	Spotswood
Monroe (Middlesex County)	Stafford
Montclair	State of New Jersey Rater Payer Advocate
Morristown	Summit
Mount Holly	Sussex
Mount Laurel	Tinton Falls
Neptune Township	Toms River
Neptune Township Sewerage Authority	Trenton
Newark	Union Township
New Brunswick	Union County
New Jersey	Union County Improvement Authority
New Jersey Department of Transportation	Union County Utilities Authority
New Jersey Economic Development Authority	Upper Freehold
New Jersey Meadowlands Commission	Vineland
New Jersey Turnpike Authority – (Turnpike and Garden State Parkway Divisions)	Voorhees
New Jersey Rate Payer Advocate	Wall
North Brunswick	Watchung
Ocean County	Waterford
Ocean	West New York
Ocean Township Sewerage Authority	West Orange
Old Bridge	Westampton
Old Bridge Municipal Utilities Authority	Western Monmouth Utilities Authority
Palmyra	Wildwood
Passaic County	Wildwood Crest
Paterson	Willingboro
Paulsboro	Winslow
Pemberton	Winslow Township School Board
Pemberton Township Municipal Utilities Authority	Woodbridge
Perth Amboy	Woodland Park
Plainfield	Wrightstown
Plainfield Municipal Utilities Authority	
Plainsboro	
Pleasantville	
Piscataway	
Point Pleasant Beach	
Point Pleasant - Board of Education	
Point Pleasant Borough	
Rahway	

PRINCIPAL CLIENTS & REFERENCES

ABERDEEN

Bryan A. Russell, QPA, Township Manager
P. 732.583.4200

ATLANTIC COUNTY

Douglas DiMeo, PE, County Engineer
P. 609.645.5898

ATLANTIC COUNTY UTILITIES AUTHORITY (ACUA)

Matthew DeNafo, President
P. 609.272.6950

ATLANTIC HIGHLANDS

Robert Ferragina, Administrator
P. 732.291.1444 ext. 3101

BARNEGAT

Kurt Otto, Engineer
P. 609.698.0080

BAYONNE

Jimmy Davis, Mayor
P. 201.858.6010

BERGEN COUNTY

Joseph A. Femia, PE, Director, County Engineer
P. 201.336.6808

BERGEN COUNTY (NORTHWEST) UTILITIES AUTHORITY

Robert E. Laux, Executive Director
P. 201.807.5801

BERKELEY TOWNSHIP MUA

Michele Nugent, Executive Director
P. 732.237.0100

BERKELEY TOWNSHIP SEWERAGE AUTHORITY

Carmen Memoli, Executive Director
P. 732.269.3000

BRADLEY BEACH

Meredith DeMarco, Acting Borough Administrator
P. 732.776.2999 ext.1012

BRICK

Joanne Bergin, Business Administrator
P. 732.262.1040

BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

Chris Theodos, P.E., Executive Director
P. 732.262.1040

BURLINGTON COUNTY

Joseph T. Brickley, PE, County Engineer
P. 856.642.3764

BURLINGTON COUNTY BRIDGE COMMISSION

Joseph Andl, Executive Director
P. 856.829.1900

BURLINGTON COUNTY DEPARTMENT OF PARKS

Matt Johnson, Coordinator of Open Space Acquisition and Park Development
P. 856.642.3850

CAMDEN

Vic Carstarphen, Mayor
P. 856.757.7200

CAMDEN COMMUNITY PARTNERSHIP

Joseph Meyers, Chief Operating Officer
P. 856.912.1018

CAMDEN COUNTY

James Winckowski, PE, County Engineer
P. 856.566.2971

CAMDEN COUNTY MUA

Oleg Zonis, Director of Engineering
P. 856.583.1222

CARTERET

Daniel J. Reiman, Mayor
P. 732.541.3800

CITY OF ATLANTIC CITY

Marty Small, Mayor
P. 609.347.5400

CUMBERLAND COUNTY IMPROVEMENT AUTHORITY

Gerard Velazquez III, President, CEO
P. 856.825.3700

DELTRAN

Jamie Eggers, Business Administrator/Municipal Clerk
P. 856.461.7734

DEPTFORD

Donald Banks, Director of Community Development
P. 856.686.2218

DEPTFORD TOWNSHIP MUA

Michael Cusick, Executive Director
P. 856.415.1111

DOVER

James P. Dodd, Mayor
P. 973.366.2200 ext. 1144

DRJTBC

Michael McCandless, PE, Program Manager – Structures
P. 215.347.4568

DRPA

Mike Venuto, PE, Chief Engineer
P. 856.968.2000

DUNELLEN

Jason Cilento, Mayor
P. 732.968.3033

EAST BRUNSWICK

Joseph Criscuolo, Business Administrator
P. 732.390.6810

EAST GREENWICH

James Richard Philbin Jr., Mayor
P. 856.423.0654



PRINCIPAL CLIENTS & REFERENCES**EDGEWATER**

Gregory Franz, Administrator
P. 201.943.1700

EDISON

Sonia Alves-Viveiros, Business Administrator
P. 732.248.7298

ELIZABETH

Steven Rinaldi, Supervising Engineer
P. 908.820.4278

ESSEX COUNTY - DEPARTMENT OF PARKS, RECREATION AND CULTURAL AFFAIRS

Daniel K. Salvante, Director
P. 973.268.3517

EVESHAM

Kevin Rijs, Director of Community Development
P. 856.983.2914

FAIRFIELD

Mike Burden, Township Administrator
P. 856.451.9284

FANWOOD

Colleen Mahr, Mayor
P. 201.288.2600

FRANKLIN (GLOUCESTER CO)

Matthew Finley, Township Administrator
P. 856.694.1234

FRANKLIN (SOMERSET CO)

Robert Vornlocker, Township Manager
P. 732.873.2500

FRANKLIN TOWNSHIP SEWERAGE AUTHORITY

Joseph Danielsen, Executive Director
P. 732.873.2121

FREEHOLD

Stephen Gallo, Administrator
P. 732.462.4200

GALLOWAY

Anthony Coppola Jr., Mayor
P. 609.652.3700

GLOUCESTER COUNTY

Barry C. Beckett, PE, County Engineer
P. 856.307.6600

GLOUCESTER COUNTY HEALTH DEPARTMENT

Matthew Olejarski, Principal REHS
P. 856.218.4170

GLOUCESTER COUNTY IMPROVEMENT AUTHORITY

George Strachan, Executive Director
P. 856.825.3700

GLOUCESTER COUNTY UTILITIES AUTHORITY

John Vinci Sr., Executive Director
P. 856.423.3500

HAMILTON (ATLANTIC)

Robert Goodman, Director of Community and Economic Development
P. 609.625.1511 ext.490

HAMILTON (MERCER)

Fred B. Dumont, Director of Community and Economic Development
P. 609.890.3627

HAZLET

Robert A. Bengivenga Jr., Administrator
P. 732.264.1700

HIGHLAND PARK

Teri Jover, Borough Administrator
P. 732.819.3789

HIGHLANDS

Michael Muscillo, Borough Administrator
P. 732.872.1224

HILLSBOROUGH

Anthony Ferrera, Administrator, Clerk
P. 908.369.4313

HOLMDEL

Christopher Cherbini, Township Administrator
P. 732.946.2820

HOWELL

Diane Festino, Interim Manager
P. 732.938.4500

JERSEY CITY MUNICIPAL UTILITIES AUTHORITY

Jose R. Cunha, PE, Executive Director
P. 201.432.1150

JOINT MEETING OF ESSEX AND UNION COUNTIES

Hanifa Johnson, Executive Director
P. 732.353.1313

KEYPORT

Kimberly Humphrey, Borough Administrator
P. 732.739.5123

LAKE COMO

Andrew Huisman, Borough Administrator
P. 732.681.3232

LAKESWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

Justin Flancbaum, Executive Director
P. 732.363.4422

LINDEN-ROSELLE SEWERAGE AUTHORITY

Jeffrey Williams, Executive Director
P. 908.862.7100

LONG BRANCH

Charles F. Shirley, Business Administrator
P. 732.571.5645

MANASQUAN RIVER REGIONAL SEWERAGE AUTHORITY

Brian J. Brach, PE, Executive Director
P. 732.431.8185

PRINCIPAL CLIENTS & REFERENCES**MANALAPAN**

Tara L. Lovrich, Township Administrator
P. 732.446.8308

MAPLE SHADE

Susan Danson, QPA, Township Manager
P. 856.779.9610

MAPLEWOOD

Paul J. Kittner, PE, Township Engineer
P. 973.762.8120

MARLBORO

Jonathan Capp, Business Administrator
P. 732.536.0200

MATAWAN

Joseph Altomonte, Mayor
P. 732.566.3898 ext. 605

MERCER COUNTY

Basit A. Muzaffar, P.E., County Engineer
P.609.989.6600

MERCER COUNTY IMPROVEMENT AUTHORITY

Phillip Miller, Deputy Executive Director
P. 609.278.8100 ext.1503

MERCER COUNTY PARK COMMISSION

Joe Pizza, Executive Director
P. 609.303.0700 ext. 1503

METUCHEN

Jonathan Busch, Mayor
P. 732.632.8540
Melissa Perilstein, Borough Administrator
P. 732.632.8509

MIDDLESEX COUNTY

Ronald Sendner, PE, County Engineer
P. 732.745.3283

MIDDLESEX COUNTY IMPROVEMENT AUTHORITY

H. James Polos, Executive Director
P. 609.655.5141

MIDDLESEX COUNTY UTILITIES AUTHORITY

Joe Cryan, Executive Director
P. 732.721.3800

MIDDLETOWN

Anthony Mercantante, Township Administrator
P. 732.615.2010
Ted Maloney, Township Engineer
P. 732.615.2110

MILLTOWN

George Murray, Mayor
P. 732.828.2100 ext. 160

MONMOUTH COUNTY

Joseph Ettore, PE, County Engineer
P. 732.431.7760

MONROE

Stephen Dalina, Mayor
P. 732.521.4400

MOUNT LAUREL

Meredith Riculfy, Municipal Clerk, Township Manager
P. 856.234.0001

MTA C&D

Matthew D. Zettwoch, Vice President, MTA Construction, Development, Stations
P. 646.252.5102

NEW JERSEY TURNPIKE AUTHORITY

Daniel L. Hesslein, Acting Chief Engineer
P. 732.442.8600

NJDOT - DESIGN ASSISTANCE PROGRAM

Julie Seaman, Program Manager
P. 609.963.2004

NORTH BRUNSWICK

Francis "Mac" Womack, Mayor
P. 732.247.0922

NYCDDC

Teresa Smith, Deputy Director Office of Community Outreach + Notification
P. 718.391.1204

OCEAN TOWNSHIP

Dave Brown, Township Manager
P. 732.531.500 ext. 3310

OCEAN SEWERAGE AUTHORITY

Tim Shea, Executive Director
P. 732.531.2213

OLD BRIDGE

Nicole Shapiro, PE, Township Engineer, Director of Community Development
P. 732.721.5600 ext. 7906

OLD BRIDGE MUNICIPAL UTILITIES AUTHORITY

Michael Roy, PE, Executive Director, Authority Engineer
P. 732.566.2534

PALMYRA

John Gural, CPM, Borough Administrator
P. 856.829.6100 ext. 125

PANYNJ

Joseph Chu, PE, Principal Structural Engineer
P. 212.435.6217

PARSIPPANY-TROY HILLS SEWER UTILITY

Joseph Beckmeyer, Sewer Superintendent, Engineering Consultant
P. 973.428.7593

PENNSAUKEN

Elwood Martz, Director of Municipal Services
P.856.665.1000 ext. 104

PRINCIPAL CLIENTS & REFERENCES**PISCATAWAY**

Joseph Herrera, Supervisor of Engineering
P. 732.562.6560

PLAINFIELD

Zenobia L. Fields, Director of Economic Development
P. 908.753.3664

PLAINSBORO

Peter Cantu, Mayor
P. 609.799.0909

PLEASANTVILLE

Judy M. Ward, Mayor
P. 609.484.3603

POINT PLEASANT BOROUGH

Robert A. Sabosik, Mayor
P. 732.892.3434

RAHWAY

Raymond A. Giacobbe, Mayor
P. 732.827.2004

RED BANK

James Gant, Borough Manager
P. 732.530.2748

SAYREVILLE

Glenn Skarzynski, Business Administrator
P. 732.390.7071

SAYREVILLE BOARD OF EDUCATION

Erin Hill, Business Administrator
P. 732.525.5200

SEASIDE PARK

John A. Peterson Jr, Mayor
P. 732.793.3700
Karen Kroon, Administrator
P. 732.793.3700

SOMERSET COUNTY

Matthew D. Loper, PE, County Engineer
P. 908.231.7024

SOUTH AMBOY

Fred A. Henry, Mayor
P. 732.727.4200

SOUTH BOUND BROOK

Christina Fischer, Administrator
P. 732.356.0258

SOUTH BRUNSWICK

Bryan Bidlack, Township Manager
P. 732.329.4000 ext. 7300

SOUTH MONMOUTH REGIONAL SEWERAGE AUTHORITY

Ryan Krause, Executive Director
P. 732.681.0611

SOUTH PLAINFIELD

Glenn Cullen, Administrator, CFO
P. 908.226.7602

SOUTH RIVER

Peter Guindi, Mayor
P. 732.803.9157

TOMS RIVER

John Salonis, Business Administrator
John M. Mele, PE, Township Engineer
P. 732.341.1000

UNION COUNTY UTILITIES AUTHORITY

Linda D. Stender, Acting Executive Director
P. 732.382.9400

UPPER

Gary Demarzo, Township Administrator
P. 609.628.2011

VINELAND

Anthony Fanucci, Mayor
P. 856.794.4011

VOORHEES

Steven Steglik, Township Administrator
P. 856.429.7174

VOORHEES ENVIRONMENTAL COMMISSION

Edward Hale, Chairman
P. 856.429.7757

WALL

John W. Tobia, Township Administrator
P. 732.449.8444

WATCHUNG

Ronald Jubin, Mayor
P. 908.756.0080

WESTAMPTON

Wendy Gibson, Township Administrator
P. 609.267.1891 ext. 6

WESTERN MONMOUTH UTILITIES AUTHORITY

Brian J. Valentino, Chief Executive Officer
P. 732.446.9300

WILDWOOD

Lisa A. Brown, City Clerk
P. 609.522.2444

WILLINGBORO

Dwayne Harris, Township Manager
P. 609.877.2200

WINSLOW

Joseph Gallagher, Township Administrator
P. 609.567.0700

WINSLOW BOARD OF EDUCATION

Tyra McCoy-Boyle, Business Administrator
P. 856.767.2850 ext. 7501

WOODBIDGE

John E. McCormac, Mayor
P. 732.634.4500



SECTION 3 | RELEVANT EXPERIENCES

AWARDS

AWARDS**NJ SOCIETY OF MUNICIPAL ENGINEERS**

CME Associates is dedicated to providing quality project solutions for its clients, and has been recognized by the New Jersey Society of Municipal Engineers at its Annual Awards Presentation for a number of projects as follows:

2024**City of Bayonne**

Improvements to Dennis P. Collins Park – Phase 2

City of Long Branch

Long Branch Avenue Improvements

Township of Woodbridge

Cypress Park - Phase 2

Borough of South Bound Brook

Construction of the Memorial Park Pavilion

2023**Township of Brick**

Roadway Improvements to Vanard Drive, Mathis Drive, & Memorial Park Pavilion

2022**Township of Holmdel**

Holmdel Firehouse

City of Bayonne

Improvements to Frances G Fitzpatrick Park

Borough of Highland Park

Highland Park Synthetic Turf and Track Resurfacing

2021**Township of Franklin**

Construction of the Franklin Township Youth Center

Township of Woodbridge

Cypress Park

2020**Borough of Sayreville**

Management of a Green Energy Solution aka Sayreville Solar Project

Township of Marlboro

Harbor Road Water Treatment Plant

Borough of Carteret

Construction of the Carteret Municipal Marina Phase II & III

City of Bayonne

Improvements to Dennis Collins Park

Township of Aberdeen

Failing Septic System Eliminated in Aberdeen

2019**Township of Aberdeen**

Raritan Bay Asphalt Trail

Borough of Highlands

Improvements to Valee Street

Township of Brick

Improvements to Bernie Cooke Park

County of Union

Trailside Nature and Science Center at Watchung Reservation

2018**Township of Lacey**

Reconstruction of Bayfront Park

City of Bayonne

Improvements to Richard Korpi Ice Rink

City of Rahway

Improvements to the Rahway Water Treatment Plant

2017**Township of Brick**

Facilities Improvement Project

Borough of Sayreville

Sayreville's Choice for Water for the New Generation

The Reconstruction of Veterans Field

Borough of Edgewater

Firehouse Management Project

Borough of South River

2016**Borough of Milltown**

Electrical Substation Construction

Town of West New York

Improvements to Veterans Park

Township of Piscataway

Department of Public Works Vehicle Canopy Project

AWARDS

RECREATION FACILITY AWARDS

CME Associates has been recognized by various parks and recreational organizations for excellence in design.

NEW JERSEY RECREATION AND PARK ASSOCIATION

2021 Excellence In Design Award

CME Associates was awarded the Excellence in Design Award for the Improvements to Bayside Park, located in Brick, New Jersey

2021 Excellence In Design Award

CME Associates was awarded the Excellence in Design Award for the Improvements to Cypress Park, located in Woodbridge, New Jersey

2020 Excellence In Design Award

CME Associates received the Excellence in Design Award for the Improvements to Bernie Cooke Park, located in Brick, New Jersey

2019 Excellence In Design Award

CME Associates received the Excellence in Design Award for Trailside Nature and Science Center at Watchung Reservation, located in the County of Union

2018 Excellence In Design Award

CME Associates received the Excellence in Design Award for Bay Front Park, located in Lacey Township , NJ

2018 Excellence In Design Award

CME Associates received the Excellence in Design Award for Veterans Park, located in Edgewater, NJ

2018 Excellence In Design Award

CME Associates received the Excellence in Design Award for Cedar Grove Park, Essex County's newest county park located in Cedar Grove, NJ

NEW JERSEY ALLIANCE FOR ACTION

2023 Distinguished Engineering Award

The Awards Program honors a truly special circle of Garden State engineering projects that have a significant and extraordinary impact on the state's economy and environment. CME Associates received awards for 2 such projects. The Improvements to Long Branch Avenue in the City of Long Branch also the Francis G. Fitzpatrick Park Improvements located in the City of Bayonne.

AMERICAN COUNCIL OF ENGINEERING COMPANIES – NEW JERSEY (ACECNJ)

Engineering Excellence Award

The ACECNJ Engineering Awards recognizes engineering firms for projects that demonstrate an exceptional degree of innovation, complexity, achievement and value.

2024 City of Bayonne

Francis G. Fitzpatrick Park Improvements

2025 Borough of Carteret

Improvements to Dr. Bishop Willard K. Andrews Park



SECTION 4 | COST PROPOSAL



Consulting & Municipal ENGINEERS

MUNICIPAL CONSULTING ENGINEERING SERVICES GENERAL CONDITIONS AND HOURLY RATE SCHEDULE TO JANUARY 1, 2027

Engineering Services		
Associate Engineer or Designer	\$157	per hour
Engineer or Senior Designer	\$166	per hour
Project Engineer or Senior Designer II	\$178	per hour
Associate Professional Engineer	\$185	per hour
Professional Engineer	\$201	per hour
Senior Professional Engineer, Principal Engineer, Or Project Leader	\$212	per hour
Management Services		
Project Manager	\$216	per hour
Program Manager	\$219	per hour
Senior Leadership	\$219	per hour
Environmental Services		
Environmental Tech	\$131	per hour
Associate Scientist / Staff Geologist	\$158	per hour
Scientist / Project Geologist	\$186	per hour
Lead Scientist / Senior Geologist	\$196	per hour
Senior Scientist	\$213	per hour
Associate Engineer, Environmental	\$175	per hour
Engineer, Environmental	\$191	per hour
Project Engineer, Environmental	\$196	per hour
Associate Professional Engineer, Environmental	\$201	per hour
Professional Engineer, Environmental	\$206	per hour
Construction Services		
Associate Construction Technician	\$105	per hour
Construction Technician	\$116	per hour
Senior Construction Technician	\$150	per hour
Construction Manager	\$168	per hour
Chief Construction Manager	\$189	per hour
Survey Services		
Survey Technician	\$122	per hour
Survey Manager	\$184	per hour
Professional Surveyor	\$203	per hour
Party Chief	\$165	per hour
Support Services		
Support Staff	\$117	per hour
Technical Staff	\$155	per hour
Licensed Tree Expert	\$167	per hour
Planning & Landscape Architecture Services		
Planner	\$152	per hour
Senior Planner	\$183	per hour
Professional Planner	\$213	per hour
Principal Planner	\$215	per hour
Associate Landscape Designer	\$150	per hour
Landscape Architect	\$187	per hour
Professional Landscape Architect	\$206	per hour



Consulting & Municipal ENGINEERS

Invoices - CME Associates (CME) will submit invoices to Client monthly and a final invoice upon completion of services. Payment is due upon presentation of invoice and is past due thirty days from invoice date. Client agrees to pay a finance charge of one and one-half percent per month, or the maximum rate allowed by law, on past due accounts. In the event that the invoice is not paid voluntarily and promptly, and must therefore be referred to an attorney or agency for collection, the Client agrees to pay a collection fee equal to the actual attorney or agency collection fee incurred by CME. Overtime rates are applicable after eight hours Monday through Friday, and all day

Saturday and Sunday, and charged at one and one-half times the quoted rate. Holidays are charged at two times the quoted rate. Expenses incurred for reproduction, postage handling, photographs and for services including subconsultants equipment and facilities not furnished by CME are charged to the Client at cost plus fifteen percent. Automobile travel may be charged at the current rate per mile allowed by the Internal Revenue Service.

Standard of Care - Services performed by CME under this Agreement will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. NO OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

Contaminated Material - It is understood that CME is not, and has no responsibility as a handler, generator, operator, treater or storer, transporter or disposer of hazardous or toxic substances found or identified at any site. Client shall undertake or arrange for, either directly or indirectly through other contractors, the handling, removal, treatment, storage, transportation and disposal of hazardous substances or constituents found or identified at any site.

Utilities - In the execution of the work, CME will take all reasonable precautions to avoid damage or injury to subterranean structures or utilities. The Client agrees to hold CME harmless for any damages to subterranean structures which are not called to CME's attention and/or not correctly shown on the plans furnished.

Right of Entry/Worksite - Client will provide for right of entry for CME personnel and equipment necessary to complete the work. While CME will take all reasonable precautions to minimize any damage to the property it is understood by Client that in the normal course of some damage may occur, the correction of which is not part of this agreement.

Client shall furnish or cause to be furnished to CME all documents and information known to Client that relate to the identity, location, quantity, nature or characteristics of any hazardous or toxic substances at, on or under the site. In addition, Client will furnish or cause to be furnished such other information on surface and subsurface site conditions required by CME for proper performance of its services. CME shall be entitled to rely on Client provided documents and information in performing the services required under this Agreement; however, CME assumes no responsibility or liability for their accuracy or completeness.

CME will not direct, supervise or control the work of contractors or their subcontractors. CME services will not include a review or evaluation of the contractor's (or subcontractor's) safety measures.

CME shall be responsible only for its activities and that of its employees on any site. Neither the professional activities nor the presence of CME or its employees or subcontractors on a site shall imply that CME controls the operations of others, nor shall this be construed to be an acceptance by CME of any responsibility for jobsite safety.

Indemnification - To the full extent permitted by law, Client shall indemnify, defend and hold harmless CME and its subcontractors, consultants, agents, officers, directors and employees (herein collectively referred to as Engineer) from and against all claims, damages, losses and expenses, whether direct, indirect or consequential, including but not limited to fees and charges of attorneys and court and arbitration costs, arising out of or resulting from the services of work of Engineer or any claims against Engineer arising from the acts, omissions of work of others, unless it is proven in a court of competent jurisdiction that the Engineer is guilty of negligence or willful misconduct in connection with the services and such negligence or willful misconduct was the sole cause of the damages, claims and liabilities.

Client agrees to indemnify and hold harmless Engineer from and against all claims, damages, losses and expenses, direct or indirect, and consequential damages, including but not limited to fees and charges of attorneys and court and arbitration costs, brought by any person or entity, or claims against Engineer which arise out of, are related to, or are based upon, the actual or threatened dispersal, discharge, escape, release or saturation or smoke, vapors, soot, fumes, acids, alkalis, toxic chemical, radioactive materials, liquids, gases or any other material, upon, in or into the surface or subsurface soil; water or watercourse; objects; or any tangible or intangible matter.

To the fullest extent permitted by law, such indemnification shall apply regardless of the fault, negligence, breach of warranty or contract or strict liability of Engineer. This indemnification shall not apply to claims, damages, losses or expenses which are determined by a court of competent jurisdiction to be the sole result of negligence or willful misconduct by the Engineer of obligations under this Agreement.

Limitations of Liability - CME's total liability to Client for any and all injuries, claims, losses, expenses or damages whatsoever arising out of, or in any way related to, this Agreement from any cause or causes, including but not limited to CME's negligence, errors, omissions, strict liability, breach of contract or breach of warranty, shall not exceed the total contract amount for the services provided by CME or \$50,000, whichever is less.

In no event shall CME be liable for consequential damages, including, without limitation, loss of use or loss of profits, incurred by Client or their subsidiaries or successors, regardless of whether such claim is based upon alleged breach of contract, willful misconduct, or negligent act or omission.

Professional services rendered for a Client shall be provided for that Client. The Client is responsible for the proper operation and use of the subject facilities and/or report and nothing herein shall provide any rights to any third party. The Client, in authorizing CME to proceed, acknowledges that the professional responsibility is limited.

Termination - This Agreement may be terminated by either party upon fourteen (14) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof. Such termination shall not be effective if that substantial failure has been remedied before expiration of the period specified in the written notice. In the event of termination, CME shall be paid for services performed to the termination notice date plus reasonable termination expenses.

In the event of termination, or suspension for more than three (3) months, prior to completion of all work contemplated by this Agreement, CME may complete such analyses and records as are necessary to complete its files and may also complete a report on the services performed to the date of notice of termination or suspension. The expenses of termination or suspension shall include all direct costs of CME in completing such analyses, records and reports.

Assigns - The Client may not delegate, assign, sublet or transfer his duties or interests in this Agreement without the written consent of CME.

This agreement shall not create any rights or benefits to parties other than the Client and CME, except such other rights as may be specifically called for herein.



SECTION 5 | FORMS



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: _____
(SIGNATURE)

TITLE: Trevor J. Taylor, PE, PP, CME, CFM, Senior Vice President

(PRINTED OR TYPED)

COMPANY: CME Associates

DATED: 11 / 21 / 2025

TYPE OF PRODUCT OR SERVICE OFFERED: _____

Professional Engineering and Planning Services

PLEASE EXECUTE THIS FORM AND SUBMIT WITH THE RFP PACKAGE

PUBLIC/STOCKHOLDER DISCLOSURE STATEMENT

NAME OF BUSINESS: CME Associates

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 (LLC)

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

STOCKHOLDERS:

Name: N/A

Name: _____

Home Address:

Home Address:

Name: _____

Name: _____

Home Address:

Home Address:

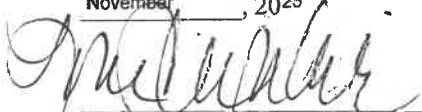
Name: _____

Name: _____

Home Address:

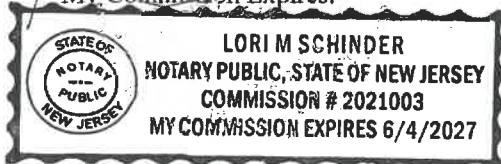
Home Address:

Subscribed and sworn before me this 21st day of
November, 2025



(Notary Public Signature)

My Commission Expires:



(Affiant)



(Print name & title of affiant)

Trevor J. Taylor, PE, PP, CME, CFM, Senior Vice President

(Corporate Seal)

PLEASE EXECUTE THIS FORM & SUBMIT WITH THE RFP PACKAGE

NON-COLLUSION AFFIDAVIT

State of New Jersey

County of Monmouth

I, Trevor J. Taylor residing in Summit in the County of Union
(Name of Affiant) (Name of Municipality)

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

I am Senior Vice President of the firm of CME Associates the bidder making this Proposal
(Title or Position) (Name of Firm)

For the bid entitled Township and Water/Sewer Utility Pool Engineer
(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 Trevor J. Taylor, PE, PP, CME, CFM, Senior Vice President

Subscribed and sworn to me

Before this day November 21, 2025

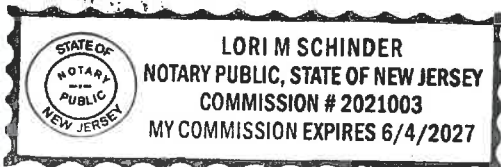
(Signature)

Lori M. Schinder

(Type or print name of affiant under signature)

Notary public of the State of New Jersey

My commission expires: 06 / 04 / 27 (Seal)





STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE

Taxpayer Name: CONSULTING AND MUNICIPAL ENGINEERS LLC

Trade Name:

Address: 1460 ROUTE 9 SOUTH
HOWELL, NJ 07731

Certificate Number: 2786089

Effective Date: October 31, 2022

Date of Issuance: January 03, 2023

For Office Use Only:

20230103100839074

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 o 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 or 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.


Trevor J. Taylor, PE, PP, CME, CFM, Senior Vice Presi
11/21/25

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: CME Associates
(Name of Firm)

Name: Trevor J. Taylor, PE, PP, CME, CFM
(Please type or print)

Signature: 

Title: Senior Vice President

Date: 11 / 21 / 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
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 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: CME Associates

Signature: 

Print Name: Trevor J. Taylor, PE, PP, CME, CFM, Senior Vice President

Company: CME Associates

Date: 11 / 21 / 25

Certification 1818

**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-FEB-2023** to **15-FEB-2026**

**CME ASSOCIATES
1460 ROUTE 9, SOUTH
HOWELL NJ 07731 1194**



A handwritten signature in cursive script, appearing to read "Elizabeth Maher Muoio".

**ELIZABETH MAHER MUOIO
State Treasurer**

W-9

Rev. March 2024
Department of the Treasury
Internal Revenue Service

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.

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.)
CONSULTING AND MUNICIPAL ENGINEERS, LLC

2 Business name/disregarded entity name, if different from above.
CME ASSOCIATES

3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes.
 Individual/sole proprietor C corporation S corporation Partnership Trust/estate
 LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) **C**
 Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner.
 Other (see instructions)

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
 Exempt payee code (if any) _____
 Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____
 (Applies to accounts maintained outside the United States.)

3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions

5 Address (number, street, and apt. or suite no.). See instructions.
1460 ROUTE 9 SOUTH

6 City, state, and ZIP code
HOWELL, NJ 07731

7 List account number(s) here (optional)

Requester's name and address (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 - 3 4 8 4 4 3 5

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:

- 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
- 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
- I am a U.S. citizen or other U.S. person (defined below); and
- 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 *J T N D*

Date **January 1, 2025**

General Instructions

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

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

What's New

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

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

Purpose of Form

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

Prohibited Russia-Belarus Activities & Iran Investment Activities

Person or Entity

CME ASSOCIATES

Part 1: Certification

COMPLETE PART 1 BY CHECKING ONE OF THE THREE BOXES BELOW

Pursuant to law, any person or entity that is a successful bidder or proposer, or otherwise proposes to enter into or renew a contract, for goods or services must complete the certification below prior to contract award to attest, under penalty of perjury, that neither the person or entity, nor any parent entity, subsidiary, or affiliate, is identified on the Department of Treasury's Russia-Belarus list or Chapter 25 list as a person or entity engaging in prohibited activities in Russia, Belarus or Iran. Before a contract for goods or services can be amended or extended, a person or entity must certify that neither the person or entity, nor any parent entity, subsidiary, or affiliate, is identified on the Department of Treasury's Russia-Belarus list. Both lists are found on Treasury's website at the following web addresses:

<https://www.nj.gov/treasury/administration/pdf/RussiaBelarusEntityList.pdf>

www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf.

As applicable to the type of contract, the above-referenced lists must be reviewed prior to completing the below certification.

A person or entity unable to make the certification must provide a detailed, accurate, and precise description of the activities of the person or entity, or of a parent entity, subsidiary, or affiliate, engaging in prohibited activities in Russia or Belarus and/or investment activities in Iran. The person or entity must cease engaging in any prohibited activities and provide an updated certification before the contract can be entered into.

If a vendor or contractor is found to be in violation of law, action may be taken as appropriate and as may be provided by law, rule, or contract, including but not limited to imposing sanctions, seeking compliance, recovering damages, declaring the party in default, and seeking debarment or suspension of the party.

CONTRACT AWARDS AND RENEWALS



I certify, pursuant to law, that neither the person or entity listed above, nor any parent entity, subsidiary, or affiliate appears on the N.J. Department of Treasury's lists of entities engaged in prohibited activities in Russia or Belarus pursuant to P.L. 2022, c. 3 or in investment activities in Iran pursuant to P.L. 2012, c. 25 ("Chapter 25 List"). I further certify that I am the person listed above, or I am an officer or representative of the entity listed above and am authorized to make this certification on its behalf. (Skip Part 2 and sign and complete the Certification below.)

CONTRACT AMENDMENTS AND EXTENSIONS



I certify, pursuant to law, that neither the person or entity listed above, nor any parent entity, subsidiary, or affiliate is listed on the N.J. Department of the Treasury's lists of entities determined to be engaged in prohibited activities in Russia or Belarus pursuant to P.L. 2022, c. 3. I further certify that I am the person listed above, or I am an officer or representative of the entity listed above and am authorized to make this certification on its behalf. (Skip Part 2 and sign and complete the Certification below.)

IF UNABLE TO CERTIFY



I am unable to certify as above because the person or entity and/or a parent entity, subsidiary, or affiliate is listed on the Department's Russia-Belarus list and/or Chapter 25 Iran list. I will provide a detailed, accurate, and precise description of the activities as directed in Part 2 below, and sign and complete the Certification below. Failure to provide such will prevent the award of the contract to the person or entity, and appropriate penalties, fines, and/or sanctions will be assessed as provided by law.

Part 2: Additional Information

PLEASE PROVIDE FURTHER INFORMATION RELATED TO PROHIBITED ACTIVITIES IN RUSSIA OR BELARUS AND/OR INVESTMENT ACTIVITIES IN IRAN.

You must provide a detailed, accurate, and precise description of the activities of the person or entity, or of a parent entity, subsidiary, or affiliate, engaging in prohibited activities in Russia or Belarus and/or investment activities in Iran in the space below and, if needed, on additional sheets provided by you.


Part 3: Certification of True and Complete Information

I, being duly sworn upon my oath, hereby represent and state that the foregoing information and any attachments there, to the best of my knowledge, are true and complete. I attest that I am authorized to execute this certification on behalf of the above-referenced person or entity.

I acknowledge that the Contracting Unit is relying on the information contained herein and hereby acknowledge that I am under a continuing obligation from the date of this certification through the

completion of any contracts with the Contracting Unit to notify the Contracting Unit in writing of any changes to the answers of information contained herein.

I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification. If I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreement(s) with the Contracting Unit and that the Contracting Unit at its option may declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print)	Trevor J. Taylor	Title	Senior Vice President
Signature		Date	11/12/25

