



Consulting & Municipal ENGINEERS

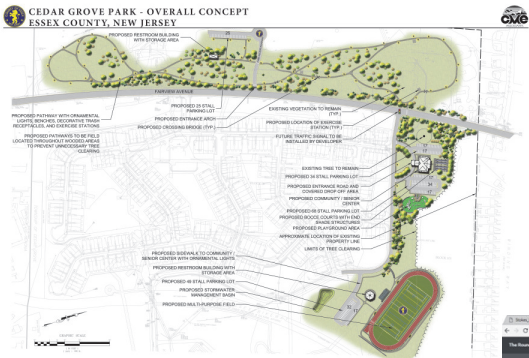
SUMMARY OF EXPERIENCE PAGES

DESCRIPTION OF FIRM

FIRM PROJECT MANAGER

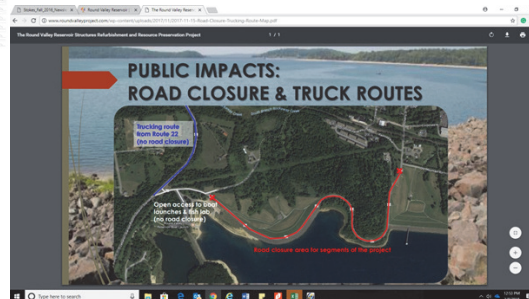
PROJECT ORGANIZATION AND TEAM

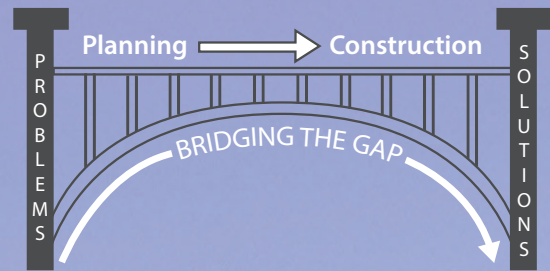
SIMILAR PROJECTS



Robert J. O'Toole Community Center and Lower Passive Park

Joseph N. DiVincenzo, Jr. - County Executive





CME Associates (CME), founded in 1983, operates from six (6) offices throughout the State including our headquarters in Parlin, Middlesex County, NJ. CME currently employs over 225 employees consisting of Professional Engineers, Planners, Environmentalist, Certified Municipal Engineers, LEED certified designers, Licensed Land Surveyors, Technical Support and Administrative Staff. For decades, we have successfully served our public clients including County Governments and Municipalities throughout New Jersey, as well as State Agencies and Authorities.

CME possesses a network of computers and supporting hardware and software packages to allow us to manage our word processing, database, spreadsheets and computer aided design and drafting (CADD) data. We currently employ the latest IT technologies including FTP and VPN that allows for easy transferring of data between us and our clients, as well as, seamless file sharing system between our offices to ensure document control and quality assurance. We also have proficient CADD technicians and resources in both AutoCad Civil 3D and Microstation InRoad Ver 5. In addition, we are a leader in Geographic Information System (GIS) Services. By utilizing the latest in GIS technology we assure our clients a state-of-the-art effective and efficient solution to their needs. We use various software solutions to complete a quality management program.

SERVICE LINES:

- Recreational and Multimodal Facilities
- Project and Program Management
- Land Use / Master Planning
- Survey / Right of Way Mapping
- Roadway / Highway
- Landscape Architecture
- Roadway Drainage
- Stormwater Management
- Hydraulics and Hydrology
- Bridge / Retaining Wall
- Bridge / Dam Inspection
- Geotechnical Engineering
- Traffic Engineering
- Electrical / Lighting
- Utility Engineering
- Water / Wastewater
- Environmental Studies / Investigations
- Regulatory Permits
- State and Federal Environmental Documents
- Hazardous Waste
- Construction Management / Inspection

2016 TRANSPORTATION ALTERNATIVES DESIGN ASSISTANCE PROGRAM CONTACT

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Camden
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Barnegat
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NEW JERSEY DEPARTMENT OF TRANSPORTATION



PRINCIPAL IN CHARGE
David J. Samuel, PE, PP, CME

PROJECT MANAGER
Michael Tronccone, PE

QA/QC
Jack Goldstein, PE
RISK MANAGEMENT
Michael McClelland, PE, PP, CME
CONSTRUCTABILITY REVIEW
David Coats, PE

SUBCONSULTANTS

Stokes Creative Group, Inc. (SCG) (DBE) – Community Outreach
Amy S. Greene Environmental Consultants, Inc. (ASGECI) (DBE) – Environmental
Advanced Infrastructure Design, INC. (AID) (DBE) – Pavement Design
Robinson Aerial Surveys, Inc. (RAS) (DBE) – Aerial Mapping
InfraMap Corp. – SUE
Richard Grubb Associates (RGA) (DBE) – Cultural Resources

***Task Lead Positions / Resumes Included**

ROADWAY DESIGN
*Gary Oliva, PE
Roadway / ADA Design
Joseph Venutolo, PE
Roadway / Drainage / SWM
John Morris, PE
Access Design
Mahesh Patel, PE

SURVEY AND ROW ENGINEERING
*Mike McGurl, PLS
Parcel & NJDEP GAP Mapping
Robert Sanchez, PLS
Aerial Mapping
Kurt Lutz, CP (RAS)

PAVEMENT DESIGN
*Michael Frabizzio, PE (AID)

GEOTECHNICAL ENGINEERING
*Paul Echaniz, PE

UTILITY ENGINEER
*Michael Tronccone, PE
Kenneth Kerr, PE - SUE
Infra Map, Inc

TRAFFIC ENGINEERING
*James Watson, PE, PTOE
MPT / Traffic Staging
Lyra Knust, PE
Traffic Analysis / Signal Design
Kevin Chen, PE, PTOE

TRANSPORTATION PLANNING
*Peter Van Den Kooy, PP, AICP

HYDRAULICS AND HYDRAULOGY
*John Morris, PE

CONSTRUCTION PHASE SERVICES
CE – David Coats, PE
(If Requested)

ENVIRONMENTAL SCIENCE
*Amy S. Greene (ASGECI)
Permits / Regulatory Requirements
Joseph Giddings, CSE
Historic Architecture
Damon Tvaryanas (RGA)
Archeology
Paul McEachen (RGA)
Hazardous Waste
Behram Turan, PE, LSRP
Socio Economic / Land Use
Peter Van Den Kooy, PP, AICP

COMMUNITY OUTREACH
*Nicole Pace (SCG)

PROJECT ORGANIZATIONAL CHART
TP-173 TRANSPORTATION ALTERNATIVES
2016 DESIGN ASSISTANCE PROGRAM

MICHAEL TRONCONE, PE
PROJECT MANAGER - TRANSPORTATION



EDUCATION / CERTIFICATIONS:

Rutgers University
B.S. Civil Engineering 1994

New Jersey Professional Engineer
License No. 24GE04201900

PROFESSIONAL AFFILIATIONS:

• American Society of Civil Engineers

GENERAL DESCRIPTION OF EXPERIENCE:

Mr. Troncone has over 20 years of experience in the civil and transportation engineering industry on various private and public projects. In the last 15 years, he has served at various professional levels of project design and management on numerous capital projects for the New Jersey Department of Transportation (NJDOT), New Jersey Turnpike Authority, Port Authority of New York & New Jersey, and numerous Municipalities and Counties throughout New Jersey. He is well versed in Complete Street Guidelines and Policy having recently attended the NJDOT Complete Streets Implementation Workshop, Design, assisted Passaic County in the development of the Passaic County Complete Streets Guidelines (Oct 2012) and Corridor Enhancement Plan (Feb 2014). Mr. Troncone has also been involved in numerous NJDOT funded municipal aid streetscape projects and is extremely familiar with Federal ADA and PROWAG requirements for transportation projects.

DETAILED RELEVANT EXPERIENCE:

Passaic County Complete Streets Guideline and Policy Documentation:

Lead Project Engineer in the assessment and development of County wide Complete Streets Guidelines and Policy along Passaic County roadways which was adopted by the County in October of 2012. Role included a review of federal, state and local roadway design standards and guidelines, as well as an assessment of County roadway in an effort to create roadway classifications, complete street needs and street typology. Worked closely with a Technical Advisory Committee consisting of planning officials at State, County and local level, advocacy groups and public officials, in the development of the final document. The culmination of this project was the development and adoption of a County wide Complete Street Guidelines.

New Brunswick Bikeway Study, New Brunswick, New Jersey:

Project Manager for this federally funded Scoping Study for implementation of a City-wide bikeway system. It was the intent of this study to identify feasible and viable routes throughout the City that provides connectivity between Central Business District, key commercial and educational

institutions, train station and surrounding residential communities. The project included performing an existing conditions assessment of viable roadway corridors, recreational facilities and existing bikeway facilities, as well as demand modelling, stakeholder and TAC meetings, alternative analysis, public information meetings, impact assessment, cost estimates, federal environmental documents, selection of a preferred alternative.

Traffic Operation and Signal Improvements to Central Avenue, City's of Newark, East Orange and Orange and West Orange Township, New Jersey:

Project Manager to prime for traffic signal and roadway improvements for an approximate 4 mile portion of Central Avenue for the County of Essex. Relevant work efforts included roadway improvements including milling and resurfacing of existing roadway, installation of ADA ramps, curb and sidewalk replacement, preparing traffic control plans, streetscape elements, and other roadway elements. The project was advanced as a 3-phase construction bid contract. Engineer design efforts were in accordance with NJDOT design standards and specifications, as amended by Essex County. Other relevant efforts included preparing right of entry agreements, intersection and roadway grading, roadway geometry, and preparing bid documents include plans specifications and estimates. Attended meetings with project stakeholders including Essex County, NJDOT local aid and City officials.

Traffic Operations and Safety Improvements to South Orange Avenue, Townships of Millburn, Maplewood and South Orange, Essex County, New Jersey:

Project manager responsible for scoping study of a 1.6 mile section of South Orange Avenue in accordance with Federal NEPA process in conjunction with the NJTPA Local Scoping Program. The roadway passes through South Orange Mountain Reservation a 2,000 acre reserve which is considered an eligible historic resource due to Olmstead Brother (Landscape Architects) design of the reservation. The project investigated safety concerns along a 1.6 mile section of roadway, which has no shoulders, narrow lanes and contains several sharp curves through a hilly section of the Reservation. Project tasks included bicycle and pedestrian assessment; drainage assessment; structure analysis of two pedestrian bridges and box culvert; pavement design; horizontal and vertical geometry; traffic analysis; alternative analysis; environmental screenings; CED, Individual Section 4f Historic/Parklands and Section 106.
Client – Essex County

EXPERIENCE:

Engineering experience: 23 years

Sample Projects

Kresson Road Sidewalk Improvements, Voorhees



Voorhees Township received a Safe Routes to Schools Grant for Kresson Road Sidewalk Improvements to install sidewalk along this County Route. As part of the requirements for this federally funded project, a qualified and experienced consulting firm was requested to perform Construction Management Services for the Township. The improvements included the continuation of sidewalk along Kresson Road and School Lane to connect to existing sidewalk leading to the Kresson Elementary School. Also included in this project was the extension of a concrete bridge culvert to allow for installation of the new sidewalk.

CME's responsibility included completion of federal inspection forms and documentation, regular project meetings, status reports, grant management, coordination with the NJDOT, Township, FHWA, and Camden County. The project was completed and federal paperwork was closed out successfully to secure the federal funding for the Township.

Improvements to N. 1st St., Pleasantville



The City received \$250,000 from the NJDOT for the FY 2013 Transit Village Grant for streetscape improvements along N. First Street from Washington Avenue to Martin Luther King Jr. Avenue. The improvements of N. First Street will include removal and replacement of concrete curb, decorative sidewalk, concrete crosswalks, decorative street lights, ADA compliant ramps, driveway aprons, roadway excavation, HMA base course and surface course, drainage improvements, sanitary sewer repairs or replacement (if necessary), traffic striping, signage, and restoration – to be consistent with features on N. Main Street.

Sample Projects

Cedar Grove Park

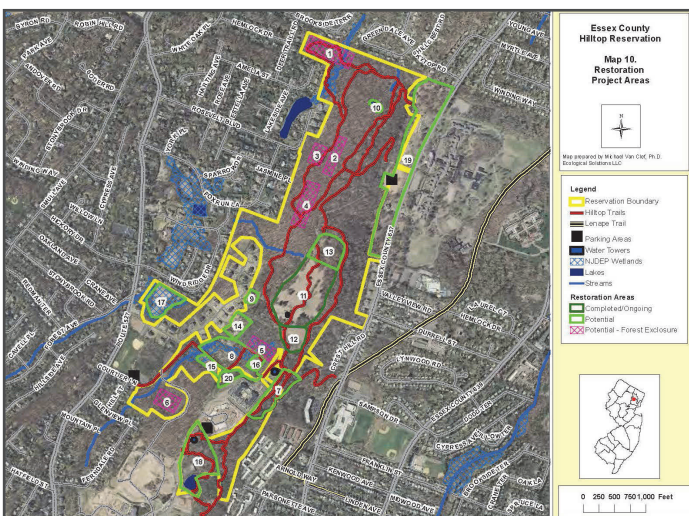
County of Essex



CME Associates prepared conceptual layouts and final designs plans for Essex County's newest park located on 77 acres in the Township of Cedar Grove. The construction of the new park was completed in December of 2016. The amenities constructed within Cedar Grove Park include: the Robert J. O'Toole Community Center – a 5,600 square foot Rural Farmhouse Style Building with seating capacity for over 150 people including bathrooms and kitchen facilities, a 14,000 square foot playground with areas for children 2-5 & 5-12, covered seating areas, bocce courts, over 1.5 miles of asphalt walking paths with pathway lighting, picnic tables, pedestrian bridges, benches, water fountains, exercise stations and a gazebo. A new traffic signal was installed at the intersection of Fairview Avenue and Smith Drive to provide signalized pedestrian connectivity throughout the park. Utilizing the former site of the Essex County Hospital Center Complex this project reclaimed an underutilized area of land which housed abandoned structures and debris for years and transformed the location into a new magnificent recreational facility for all of the public to enjoy. CME Associates worked with Essex County Parks and Engineering Departments to develop three dimensional architectural renderings for all elements of this new park facility with multiple views prior to final design and construction for the public to visualize the proposed improvements. After the completion of the Design Phases of the project, CME Associates performed Construction Administration Phase Services to facilitate and realize the expedited construction schedule for the County of Essex.

Hilltop Reservation Improvements

County of Essex



CME prepared the conceptual and design plan layouts for improvements to the Hilltop Reservation as recommended in the Hilltop Reservation Master Plan. The Master Plan consisted of recommended improvements for the facility broken down into several parts of the reservation, including but not limited to the pedestrian roadway crossing improvements, walking trail improvements, information kiosks, wetlands restoration, installation of new trails, elimination of invasive species, demolition of abandoned structures and debris, and restoration of native species. CME prepared the site grading, concept and design improvements for this project.

Sample Projects

Roadway, Pathway & Sidewalk Improvements

Atlantic Highlands, Monmouth County



As a part of the 2014 Improvements Project for the Borough of Atlantic Highlands, the Borough was seeking to resurface and improve multiple roadways within the Borough. The improvements included installation of curb, sidewalk, hot mix asphalt surface course, and street lighting to enhance the new concrete paver walks along Sutton Walk. The project also included storm sewer improvements and bike paths improvements.

Funding was provided by CDBG (Community Development Block Grant) and NJDOT (New Jersey Department of Transportation). CME Associates provided survey, base mapping, design phase services, bid phase services, and Construction Observation and Administration Services.

Haddon Township Transit Village Roadway Improvements



As part of the requirements for federally funded projects, a qualified and experienced consulting firm was requested to perform Construction Management Services for the County of Camden. The improvements included in the Haddon Avenue Transit Village Roadway Improvements are excavation of the existing concrete roadway, installation of a new hot mix asphalt roadway, storm sewer installation, installation of new concrete and paver sidewalk, traffic signal upgrades, and other associated work. CME is responsible for Weekly Project Status Reports, Daily Inspection Record and Documentation performed by a NICET 3 Certified Staff, Grant Management between the County, NJDOT, and FHWA, and other associated work. Due to the overall size of the improvements, the project was implemented in multiple construction stages to mitigate the impacts to traffic while maintaining complete access to emergency vehicles, patients and doctors traveling to and from Our Lady of Lourdes Medical Center.

Funding for this project is being provided by the NJDOT, FHWA, and Camden County.