

E2 PROJECT MANAGEMENT LLC. COMPANY PROFILE

VERSION 1.2 (2025)





ABOUT US

Since 2005, E2 Project Management LLC (E2PM) has operated as a multi-discipline, Small Business Enterprise (SBE) firm providing services to protect and improve the quality of life through responsible engineering, project management, sustainable environmental management, brownfield redevelopment, and infrastructure design. E2PM continuously adapts and grows their services to provide for its client's changing needs and to meet customer expectations.



E2PM is a client-oriented company with a focus on business integrity, quality, timely and efficient work with an emphasis on practical solutions to engineering, environmental, and construction problems. The management and senior staff of E2PM have provided innovative solutions to complex engineering problems for public and private sector clients for many years. With an initial focus on engineering and environmental projects, E2PM has expanded its services to all environmental and engineering disciplines and has remained a leader in developing effective solutions to constantly changing environmental challenges in water, wastewater, air, hazardous waste, and other areas. E2PM has also expanded its background to include work in the development of policy and strategic planning, regulatory permitting, engineering design, and construction management for large-scale and smaller infrastructure projects. E2PM's diversified range of services and experience has allowed for success of many projects with new and existing municipal, institutional, commercial, residential, industrial, utility/power and environmental clients.

Located in Rockaway and Manasquan, NJ, E2PM offers licensed Professional Engineers, Professional Land Surveyors, Planners, Licensed Site Remediation Professionals (LSRPs), Subsurface Evaluators, Environmentalists, Ecologists, Geologists, Archaeologists, Historians, Designers and experienced support staff to assist clients in the tri-state area.

WHY E2 PROJECT MANAGEMENT LLC?

- **In-House Capabilities.** E2PM has a cadre of full service engineering, environmental engineers and scientists, and related disciplines, with abilities to examine client issues, solve problems locally, provide quick-response and fast-turnaround support.
- **Resources.** With the firm's vast network of teaming partners of specialized subcontractors, E2PM clients have immediate access to a wide range of multi-disciplinary specialists and technical experts, nationally and locally.
- **Stability.** E2PM's financial strength ensures its clients that the company is able to support them over the long haul, regardless of market fluctuations or economic hard times. Over 70% of E2PM staff averages over 5-10 years with E2PM.
- **Specialized Expertise.** E2PM maintains state-of-the-art expertise in the key environmental, economic, management, and engineering issues facing clients today. E2PM staff learns from their past experience and offer that experience to its clients, resulting in greater efficiency and cost-effectiveness.
- **Business Values.** E2PM's goal is to help all their clients achieve success. E2PM project management and technical consulting services help clients achieve their business goals and bottom line results.
- **Customer Service.** E2PM exists as a company to serve the needs and aspirations of its customers. E2PMs approach to all of its work reflects this basic reality.

E2PM'S CORE COMPANY VALUE IS BASED ON THE PRINCIPLE OF PROVIDING EFFECTIVE CLIENT SERVICES AND QUALITY MANAGEMENT IN EVERY ASPECT OF OPERATION. E2PM PRIDES ITSELF ON ITS COMPANY STRUCTURE THAT PROMOTES INDIVIDUAL ACCOUNTABILITY, RESPONSIBILITY, RESPONSIVENESS, AND CREATIVITY.

LICENSES / REGISTRATIONS

Company Registrations / Certifications

- NJ Business Registration Certificate – (Incorporated November 10, 2005) – Cert #1260170
- NJ Corporate EIN# 0060025238
- Federal Employee Identification No. (EIN) 20-3876589
- DUNS (Data Universal Numbering System) #623335804
- System of Award Management (SAM) CAGE Code #4ZWR6
- Small Business Enterprise (SBE) – State of New Jersey – Department of Treasury (Cert #A0137-83)
- NJDEP Certified-Environmental Laboratory (Laboratory #14048)
- New Jersey Department of Health – Indoor Environmental Consultant – Indoor Environmental Health Assessments of Child Care Centers/Educational Facilities (License #1213)
- Certificate of Authorization – State of New Jersey Board of Professional Engineers (PE) and Land Surveyors (Certificate #24GA28118200)
- Certificate of Authorization – University of the State of New York Education Department – Professional Engineering (PE) Services (Certificate #0018757)
- State of New Jersey – Department of Labor and Workforce Development – Public Works Contractor Registration (Certificate #665185)
- State of New Jersey – Certificate of Employee Information Report (Cert #44633)

Prequalifications / Registrations

- State of New Jersey Division of Property Management and Construction (DPMC) – Civil Engineering, Structural Engineering, Environmental Engineering, Marine Engineering, Land Surveying, Archaeology, Feasibility Planning, Hydrology, Site Planning, Historic Preservation, Environmental Consultant and Project Management.
- New Jersey Schools Development Authority (NJSDA) – Civil Engineering, Structural Engineering, Environmental Engineering, Marine Engineering, Land Surveying, Archaeology, Feasibility Planning, Hydrology, Site Planning, Historic Preservation, Environmental Consultant and Project Management.
- New Jersey Turnpike Authority (NJTA)
- New Jersey Economic Development Authority (NJEDA) – Civil Engineering and Geotech Services & Environmental Engineering, Site Investigation Services
- Registered vendors / suppliers with NJSTART Program, New York City PASSPort, Port Authority of New York and New Jersey, New York Power Authority

Staff Professional Licenses / Certifications

- Professional Engineers / Professional Planners
- Professional Land Surveyors
- Professional Geologist
- NJDEP N2 Industrial Wastewater Certification
- Licensed Site Remediation Professionals (LSRP)
- NJDEP Subsurface Evaluators
- Lead Inspector/Risk Assessor (NJ)
- EPA/ Asbestos Hazard Emergency Response Act (AHERA) Building Inspector (NY, PA)
- Association of State Floodplain Managers (ASFPM) Certified Floodplain Manager
- Erosion and Sediment Control (E&SC) Qualified Inspector
- Registered Professional Archaeologists (RPA)
- Secretary of Interior (SOI) Qualified Historians
- Certified Municipal Engineer
- Notary Publics, State of NJ
- Occupational Safety & Health Administration (OSHA) Certifications (40-hr / 8-hr Refreshers / 30-hr construction / 10-hr Construction)



MARKETS

To ensure the standard of quality expected by all clients, E2PM concentrates its services on core market sectors that reflect the strength and talent of its staff. E2PM provides a full range of professional services in nine (9) market sectors.

Power / Utility

E2PM has extensive involvement with major confidential utility and power clients. Often, Senior staff manage all aspects of environmental permitting and natural resource regulatory compliance for utility system rights-of-way (ROW's) management and development.

Telecommunications

Total turn-key services for the wireless telecommunication and related industries including wireless deployments, network facilities, data centers, new structures, collocations and antenna systems, and Small Cell & 5G facilities. Continuously supporting major telecommunications clients throughout the tri-state area.

Land Development

By providing an integrated approach, E2PM's planners and engineers have the capability to address site development issues necessary for the permitting and approval of residential, commercial, retail, institutional, educational, and industrial land planning projects.

Government Support

Working with all forms of Government from Federal agencies down to local levels, E2PM supports the design, construction, maintenance, and improvements of government-owned properties from facilities to infrastructure with planning, engineering, environmental and cultural services.

Environmental

E2PM strives to help clients overcome environmental challenges with practical solutions through the full life cycle of any project from inception to completion. We provide comprehensive environmental practices providing due diligence investigations, remedial investigations and actions, regulatory compliance and health and safety services.

Residential Development

Provides single-source solutions for residential development, with a focus on supporting developers, architects and homeowners with lot grading plans, surveys, variances, septic design, regulatory compliance, permitting and site planning.

Institutions / Education

Complete professional services for vertical construction and site development for private, non-profit and for-profit foundations, educational facilities, public agencies, and healthcare corporations. From new facilities to expansion/modernization to support infrastructure, our professionals contribute expert guidance during all phases of the project.

Parks / Recreation

E2PM understands the importance and value of parks and recreational resources in a community. Whether it be public park spaces, recreation areas, athletic facilities, school sports complexes or pool facilities, E2PM has experience working with clients providing full service consulting and support to help improve quality of life and bring communities together.

Marine / Waterfront

E2PM often works with property owners and their design teams to assess and rejuvenate state/municipally owned, industrial, commercial, residential and brownfields waterfront properties. We evaluate shorelines and waterfront structures to determine the best approach for reuse, replacement, or new construction.

SERVICES



Engineering

Civil, Structural, Environmental, Architectural, Geotechnical, Marine. Building Code Compliance Evaluations, Engineering Analysis, Technical Quality Reviews, Steel Tower Design & Evaluations, Structural Performance, Foundation Design / Analysis, Retaining Wall Design / Analysis, Support of Excavation, Demolition Design-Buildings & Other Structures Value Engineering Support



Land Development/Site Planning

Civil and Site Engineering, Topographic and Boundary Survey, Subdivision Drawings and Application, Site Grading, Retaining Wall Design, Foundation and Structural Design, Soil Erosion and Sediment Control Plan and Permitting, Stormwater Management Design



Linear Development (Power/Utility)

Community Relations, Due Diligence/ Site Assessments, GIS Mapping; Inspections/Surveys, Land Yield Studies, Master Planning, Site Design Documents, Local Zoning and Planning Boards Site Permitting, County and Soil Erosion District Plans and Approvals



Construction Management/Support

Consultant Coordination/Management, Site Management, Cost Control/Quality Control, Construction Documentation, Contract Administration, Construction Inspection, Pre & Post Construction Survey Stake Out, Vibration Monitoring, Perimeter Air Monitoring



Telecommunications Support

Civil / Structural Design, Due Diligence/Remediation, NEPA/SHPO/Tribal Compliance, Site Feasibility & Constructability studies, Environmental compliance & impact studies, CADD drafting & preparation of construction documents, Environmental Permitting, Structural Assessments



Environmental/Regulatory Compliance

Licensed Site Remediation Professional (LSRP), Remedial Investigations, Brownfield Redevelopment, Phase I and II Environmental Site Assessments / Property Due Diligence, Classifications Exception Areas, Remediation, Property Restoration and Reuse, Perimeter Air Monitoring, Hazardous Materials Evaluations, Health and Safety Plans, Indoor Air Quality, Mercury Testing, Asbestos/Lead Surveys



Ecological/Natural Resource Management

Environmental FWA, FHA, NJDEP and USACE Permitting; Wetlands Delineations/Investigations; Environmental Monitoring, T&E Species Surveys; NEPA Screening/Categorical Exclusions; Habitat Assessments and Restoration



Cultural Resource Management

SHPO Consultation / CLG / NPS Consultation, Phase IA Archaeological Assessment / Predictive Modeling, Phase IB Archaeological Survey (Identification of Presence or Absence), Intensive Level Historic Architectural NRHP Eligibility Evaluations, Maritime Archaeology



Land Surveying/Mapping

Boundary surveys, Topographic Surveys, Construction stakeout, As-built surveys, ALTA Surveys, Facilities & campus mapping, Utility right of way surveys, Right of way & acquisition mapping, Environmental and site remediation, Land subdivisions, Wetland's location surveying, Soil boring locations, Deformation monitoring



Residential/Septic System Support

Drainage Planning and Design, Dry Well Design, Feasibility Analysis, Individual Subsurface Sewage Disposal System Services, Landscape Plans, Lot Surface Drainage Permits, Lot Grading Plans, Septic Alteration Plans, Septic Systems Investigations, Septic Systems Design and Placement, Site / Subdivision Planning





ARCHITECTURAL & ENGINEERING

E2PM is a multidiscipline engineering firm practicing in the northeastern United States, offering a wide range of services to clients in the public and private sectors. E2PM is comprised of highly experienced engineering professionals who provide civil, structural, environmental and marine engineering services.

E2PM's principal engineers have provided essential engineering and construction management services for colleges and universities, K-12 schools, the pharmaceutical and petrochemical industries, the power and gas industry, residential facilities, and commercial office buildings across the tri-state area. E2PM's technical experience encompasses every aspect that may be encountered in the subject contract, from condition survey and site investigation through report preparation. It includes preliminary and final design of improvements, contract document preparation, construction / demolition support and inspection. E2PM's civil and structural engineering team is comprised of professionals with extensive experience in structural and geotechnical engineering, as well as construction engineering for complex building and infrastructure projects. E2PM engineers possess experience in all aspects of structural engineering for analyses of steel, concrete and timber structures, including foundations, roofs, floors, and walls to concrete, brick masonry, exterior facades, and interior structural systems

Services

Architectural System Evaluations

AutoCAD drawings

Braced Excavations

Breakwaters

Building Code Compliance Evaluations

Bulkhead Walls Rehabilitation

Bulkhead, Relieving Platforms

Concrete & Steel Vulnerability Assessment

Crane/Crane Rails and off-loading Machinery / Equipment

Demolition Design

Engineering Analysis & Technical Quality Reviews

Facade, Roof & Window Evaluations

Fendering and Berthing Energy Absorption

Finite Element Stress Analysis

Foundation Design / Analysis

Ground Improvement

Load Ratings & Structural Analysis

Load Testing & Assessments

Industrial & Processing Structure Design

Retaining Wall Design / Analysis

Seismic Analysis / Vulnerability Assessment

Site / Civil Design – New Constructions & Renovations

Soil Strength Parameter

Special Structures Design

Steel Tower Design & Evaluations

Stormwater, Drainage, Grading and Utility Engineering

Structural Performance Evaluations

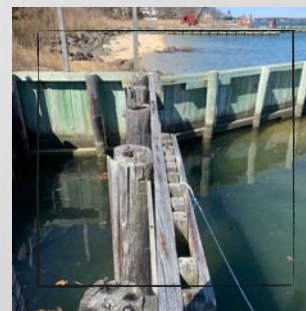
Subsurface Investigations

Temporary Structures Design

Underpinning Design

Value Engineering Support

Vibration Monitoring



ENVIRONMENTAL / REGULATORY COMPLIANCE



E2PM's Environmental Division provides a complete suite of environmental contracting services and assists clients with project-specific strategic environmental planning and solutions to challenges.

E2PM staff successfully performs many site investigations, all site-specific and ranging in complexity. They design and implement the cleanup of sites contaminated with hazardous materials, toxic chemicals, and oil and petroleum products for "Brownfields" sites, gas stations, historic industrial sites, and complex Superfund and RCRA sites. The firm's NJ Department of Environmental Protection (NJDEP) Licensed Site Remediation Professional (LSRP's) are currently managing over a dozen contaminated sites under the NJDEP LSRP program. E2PM's expertise has supported projects involving innovative technology evaluation and implementation, use of presumptive remedies and natural attenuation, future land use and risk-based cleanup. E2PM places a high priority on human and ecological health and safety while maintaining a balance between quality, responsiveness, and cost-competitiveness in accordance with applicable federal, state and local regulations and guidelines. E2PM keeps current on all technological and programmatic issues facing the site remediation industry

Services

Air Compliance Permits/Emissions Control/Monitoring

- Aquifer Recharge Studies

- Asbestos & Lead Investigations/Management

- Asbestos & Lead Abatement/Oversight

- Brownfields Redevelopment

- Classification Exception Areas

- Deed Notices

- Environmental Due Diligence Assessments (Phase I/II)

- Environmental Planning

- Environmental Reporting (RIR, RAWP, RAR, RAO)

- Feasibility Studies

- Funding Reimbursements

- Groundwater Quality Evaluations and Modeling

- Hazardous Material Evaluations

- Health and Safety Plans

- Historic Pesticide Contamination

- Human Health and Ecological Risk Assessments

- Indoor Air Quality Assessment/Monitoring

- Industrial Site Recovery Act (ISRA) Compliance

Licensed Site Remediation Professional (LSRP) Services

- Litigation Support

- Multi-Media Contaminated Site Investigation

- Natural Resource Damages

- OSHA Compliance Sampling

- Per and Polyfluoroalkyl Substances (PFAS) Sampling

- Permitting Assistance (NJDES Permits/TWA Applications)

- Property Restoration & Reuse

- Public Involvement Plans/Community Education

- Regulatory Compliance

- Regulatory Negotiations/Support for Litigation

- Remedial Investigations/Design/Oversight

- Remedial Design/Oversight

- Soil and Groundwater Monitoring

- Stormwater and Watershed Management

- Underground Storage Tank (UST) Management,

- Investigations, Remediation

- Vapor Intrusion Investigations/Abatement

- Wastewater Treatment and Quality Studies





LAND DEVELOPMENT / SITE PLANNING

E2PM's Land Use/Development Engineering and Planning services vary from industrial, commercial, and residential to mixed-use and master-planned sites which include but aren't including brownfield sites and redevelopment zoned areas.

During the conceptual phase of development, developers retain engineers to design the project's site plan configuration and identify any potential site constraints. Site constraints are often identified through careful review of the local zoning and land use ordinances, as well as identifying any environmental, topographical or deed restrictions. Site plan development involves many responsibilities: knowledge of state and local land-use laws and regulations, knowledge of low-impact development strategies, understating the sites topographical challenges and thus shaping the property to maximize the redevelopment strategies and efficiency of the proposed use, site grading and retaining wall design, parking lot configuration and traffic circulation, ADA requirements, stormwater management design, utility placement and coordination, site landscaping, and site lighting design.

The Land Development Division of E2PM has proven project experience, providing a range of services for both public and private clients throughout New Jersey, New York, and Pennsylvania. E2PM's Site Development capability ranges from site master planning and sustainable design solutions to engineering for the redevelopment of brownfield properties. The division has provided planning support, site design, construction oversight and project management for a variety of projects. E2PM's expertise includes commercial and residential sites, as well as mixed-use sites that range in size from small to large scale.

E2PM's experienced professional civil engineers know how to grade sites to minimize cut and fill requirements for its clients. An important aspect of land development is identification of the local zoning and land use ordinances that apply to the proposed development, which often greatly influence the site plan design. When E2PM clients are satisfied with site plans, E2PM's engineering staff assists in the preparation of local and county planning/zoning board applications and provides site plans presentations and expert witness testimonies to planning/zoning boards.

Services

Board Presentation & Expert Testimony

Braced Excavation Design

Civil & Site Engineering

Conceptual Site Layout & Drawings

Construction Drawings

Construction Specifications

Demolition Drawings

Geotechnical Investigation

Individual Subsurface Sewage Disposal System Services

Lot Subdivision Drawings & Application

Parking Lot Layout & Site Traffic Logistics

Retaining Wall Design

Site Grading

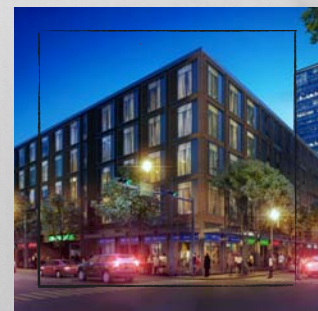
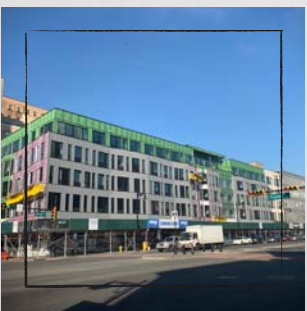
Soil Erosion and Sediment Control Plan (SESC) & Permitting

Stormwater Management Design and Permitting

Utility Layout Design and Coordination Bid Support

Zoning/Land Use Ordinance Analysis

Zoning/Planning Board Application



LINEAR DEVELOPMENT SUPPORT



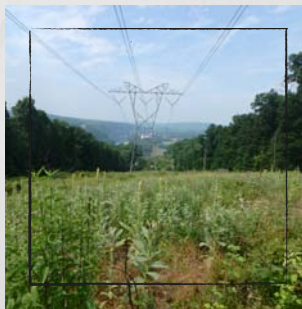
E2PM recognizes the need for major utility companies to balance safe and reliable services to its customers with environmental regulation and concerns.

Much of E2PM's Linear Development experience involves providing support and services to major power and utility companies throughout the States of New Jersey, New York and Pennsylvania for several years. Projects have involved the support of electrical transmission corridor upgrades, substation upgrades / expansions, overhead conversions, baseline bulk power system upgrades, culvert replacements and other types of utility upgrade/improvement projects. E2PM's staff includes GIS specialists, planners, engineers, ecologists and archaeologists to prepare and evaluate the environmental, zoning and historical constraints for any proposed utility routes. E2PM staff is experienced in providing comprehensive plans and permitting support for every aspect of utility work including working with the New Jersey Department of Environmental Protection (NJDEP), executing county and local land use permits and zoning applications. Based upon E2PM's knowledge of utility projects, early and on-going communications with the appropriate regulatory agencies ensures that all projects are completed on schedule without costly delays. Linear development projects also result in impacts to "special areas" that are regulated by the State and may require multiple permits prior to site preparation or construction. E2PM has prepared multiple environmental and land use permits for construction and assistance in environmental and land use planning. E2PM is instrumental in assessing properties suitability for substation placement and can support alternative analyses.

Services

Civil Engineering
Community Relations
County and Soil Erosion District Plans & Approvals
Due Diligence/Site Assessments
Endangered Species Habitat Evaluations
Environmental Species Monitoring (Snake, Bog Turtle)
Federal and State Environmental Permitting
Fish Habitat Reviews
GIS Mapping
Historic American Engineering Record Documentation
Historic Architectural Eligibility and Effects Evaluation
Historic Architectural—Direct Effects Mitigation
Identification-Level Historic Architectural Survey
(Direct/Indirect Effects)
Inspections/Surveys
Land Yield Studies
Local Zoning & Planning Boards Site Permitting

Master Planning
NJDEP/Local Construction Permit Approvals & Expediting
Phase IA/IB Archaeological Assessments & Surveys
Phase II Archaeological Eligibility Evaluations
Program Management
Public Representation
Regulatory Support
Section 106 Compliance
Site Acquisition/Public Hearings
Site Design Documents
Soil Erosion Sediment Control Monitoring
State Historic Preservation Office (HPO) Consultations
Stream Encroachment Permitting
Structural Engineering
Tree Surveys
Vegetation Management and Maintenance
Wetlands Delineation





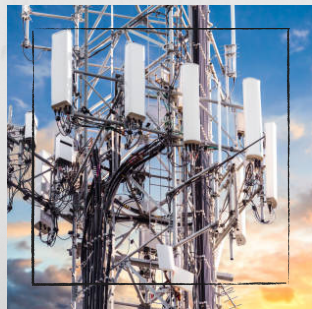
TELECOMMUNICATIONS SUPPORT

E2PM staff have provided environmental, engineering, ecological and cultural services and support for the wireless telecommunications industry for over 30+ years. E2PM staff have created a successful relationship with some of the largest providers of public communications service, such as Verizon Wireless, Motorola Solutions, Sprint Spectrum LP, Nextel Communications Inc., The New AT&T Wireless and T-Mobile.

E2PM offers extensive experience in providing the full spectrum of design, acquisition, management, construction, installation, testing and maintenance services for all types of telecommunication facilities, especially wireless infrastructure. E2PM has the capabilities to provide clients with virtually any service needed to support the deployment, refurbishment and maintenance of all types of wired and wireless networks. Projects have been located on a wide variety of sites, such as electrical transmission towers, on/within other utility properties, demolished or vacant lands, disturbed/urban lands, and residential / commercial properties. Experienced staff have completed services for over 5,000 telecommunications projects throughout New Jersey, New York, Pennsylvania, Delaware, Maryland and Kentucky. Most recently, E2PM has been providing services for Small Cells and Distributed Antenna Systems (DAS) & 5G Utility Pole Replacement Projects. Many of the projects are efficiently executed in accordance with client-requested expedited turnaround times and in accordance with Federal Communication Commission (FCC) regulations.

Services

- | | |
|---|--|
| Abatement Oversight | Expert witness coordination & testimony |
| Ambient Air Monitoring During Construction | Final Inspection & As-built drawings |
| Archeological Studies and Reports | Habitat Evaluations |
| Architectural Studies and Reports | Jurisdictional negotiation and land use planning |
| Asbestos and Lead Based Paint Surveys | Land Surveying (1A/2C Surveys) |
| Bid & Preconstruction | Leasing Exhibits |
| CADD drafting & preparation of construction documents | NEPA Compliance / Categorical Exclusions |
| Civil, Electrical, Mechanical, Structural design | Permit Drawings |
| Construction Drawings | Presentation Plans |
| Construction Inspections/Management Support | Punch Lists & Document control |
| Cultural Resource/Section 106 Consultation | Regulatory Permitting |
| Due Diligence (Phase I & Phase II ESA) | Site Audits |
| Ecological Studies | Site Feasibility & Constructability studies |
| Endangered Species Studies | Site Surveys and FAA 2C and 1A Certifications |
| Engineering Oversight | Soil And Groundwater Sampling and Reporting Activities |
| Environmental compliance & impact studies | Structural Assessments/Designs |
| Environmental Impact Assessments | Switching centers |
| Environmental Permitting | Tower Inventories and Inspections |
| Environmental Site Inspections and Audits | Zoning Drawings |



CONSTRUCTION MANAGEMENT & SUPPORT



**E2PM's approach to Construction Management is simple:
“We anticipate the challenges before they become problems.”**

Successful construction starts with solid plans and effective project management skills. Challenges such as budget, availability of resources, weather conditions and constructibility issues may cause concern by even the most experienced construction manager.

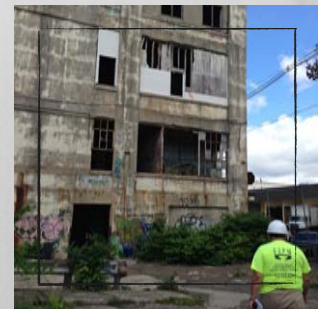
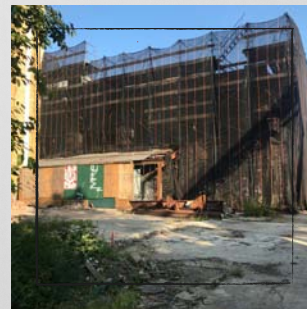
E2PM's program and construction managers are supported by automated systems for scheduling, budgeting, resource loading and document management. All of these systems keep E2PM managers informed of a project's status on a daily basis allowing them to manage their projects with flexibility and the ability to respond quickly to changes. E2PM's Project managers are especially effective in meeting construction schedules. They understand the importance of daily communication with clients and contractors and can revise plans throughout the course of the project to meet client needs. Through commitment to on-going communications, E2PM staff form a partnership with its clients and subcontractors so that refinements and changes are identified quickly and are handled early in the process.

Both E2PM's field construction managers and office staff, have extensive experience filing for and receiving local, county, state, and federal construction permits. E2PM has long standing relationships with many of the local building/engineering departments and is familiar with the construction permitting processes (which often vary from town to town). This unique understanding enables busy clients to successfully deliver their network services without delay from permit deficiencies. E2PM can perform several common construction monitoring services for its clients, including structural and settlement monitoring, vibration monitoring, and perimeter air, noise, and dust monitoring. E2PM also can provide Pre and Post Construction Surveys by assessing existing conditions of structures that have the potential to be impacted by construction activities. E2PM has successfully fulfilled the role as Resident Engineer for a variety of construction projects that include: roads, bridges, rail, and transportation centers, sanitary sewers, water mains, waste water treatment facilities, parks and recreation, hazardous materials abatement, and waterfront development.

Services

- Concrete Inspection
- Consultant Coordination / Management
- Construction Documentation / Permitting
- Construction Inspection
- Construction Monitoring
- Construction Survey Stake Out / Layout
- Demolition Planning and Oversight
- Dust/Noise/Air Monitoring
- Earthwork Oversight
- Foundation Inspections
- Material Testing Services
- Mitigation of Claims
- Pavement Inspections

- Pre and Post Condition Surveys
- Reinforcing Steel Inspection
- Resident Engineering
- Retaining Wall Inspections
- Review of Submittals
- Scheduling
- Site Management
- Special Inspections Required By Code
- Structural Steel Inspection
- Support of Excavation Designs
- Survey Monitoring of Structures
- Stormwater Pollution Prevention Plan (SWPPP) Inspections
- Vibration Monitoring





LAND SURVEYING & MAPPING

Whether for Land development, Utility Corridor Support, or Brownfield Redevelopment, accurate and exacting limits are essential to successful project design and execution. E2PM's Land Surveyors are licensed professionals in New Jersey, equipped with the latest state of the art surveying and mapping equipment.

E2PM is unique in that it has both qualified field crews and technical office support that are comprised of highly qualified personnel, all supervised and managed by licensed land surveyors. It's field crews consists of licensed Professional Land Surveyors and in-house Senior level CADD drafters, survey technicians, and office surveyors. E2PM's Surveying Department supports transportation projects (highways, roadways, railways, etc.), structural projects (bridges, buildings, energy and transmission plants, co-generation plants, refrigeration plant, underground structures, etc.), and civil projects (demolition, grading, paving, drainage, landfill management, parking lots, etc.) for a broad range of public and private clients.

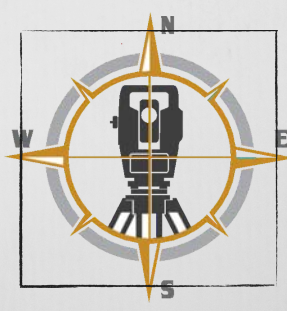
During deformation monitoring, E2PM staff are capable of measuring and documenting ground/structure movement caused by adjacent construction activities and monitor buildings and structures in or near a construction area to keep buildings and workers safe.

E2PM has been successful in delivering a diversified array of Topographic Surveys, Utility Surveys, ROW Surveys, Settlement Surveys, Final As-Built Surveys, Boundary Surveys, and Construction Layout surveys for a large client base. E2PM's construction surveying personnel can also provide Digital Terrain Models, Horizontal & Vertical Control Reports, Engineering Base Mapping, and Historic Building Monitoring and Reports.

Services

American Land Title Association (ALTA) Surveys
As-built Surveys
Boundary Surveys
Construction Layout Surveying
Deformation Monitoring
Environmental and Site Remediation Support
Facilities & Campus Mapping
Federal Aviation Administration (FAA) Certifications
(1A, 2C Surveys)
Federal Emergency Management Agency (FEMA)
Elevation Certifications

Land Subdivisions
Monitoring Wells Certifications (Form B)
National Society of Professional Surveyors (NSPS) Surveys
Quantity (Volume, Cut/Fill) calculations
Right of Way / Acquisition Mapping
Right-To-Know GPS surveying
Soil Boring Location Surveys
Topographic Surveys
Utility Right of Way Surveys
Vertical/Horizontal Movement Monitoring
Wetland Surveys



E2PM's Residential Development team provides a full spectrum of services to clients in all areas of residential development, from single family homes to large-scale residential facilities.

E2PM's professional staff provide permitting, engineering design, stormwater design and master drainage planning, subdivision/variance planning, surveying, and construction phase services to support new home construction, building additions and other residential property improvements. The firm has extensive experience working and coordinating with private property owners, surveyors, architects, developers, attorneys, and various local municipalities. E2PM also provides single-source solutions for residential lot grading, septic disposal system design, engineering, regulatory compliance, and installation - a complete package for all engineering design needs.

For Septic System Design, E2PM's professionals have 30+ years experience providing services related to septic disposal systems serving single-family homes and commercial facilities. E2PM coordinates the initial planning of the septic placement, prepares the system design, and oversees the construction by working directly with the property owner, system installer, and regulatory personnel. Initial evaluations, including soil logs, permeability testing, and groundwater evaluations, are performed by in-house geologists in accordance with State and Local regulations. The firm's system designs utilize the latest in treatment and effluent disposal technologies, presented clearly for regulatory review and construction. E2PM staff also provide evaluation services of existing systems for property transfers and is capable of evaluating advanced effluent treatment technologies to suit particular site conditions. E2PM experienced professionals have lectured to realtors on septic systems, as well as instructed septic system installers at seminars for National Environmental Health Association (NEHA) continuing education credits for licensure.

Services

Coordination with State, County, and Municipal Agencies

Dry Well Stormwater Design

Development Feasibility Analysis

Landscape Plans

Lot Surface Drainage Permits

Lot Grading Plans

New Jersey Pollutant Discharge Elimination System

(NJPDES) permitting

Professional Expert Testimony

Septic System Design – Soil testing through Design
Preparation

Site Plan / Subdivision / Variance Planning

Soil Erosion and Sediment Control Plan and Permitting

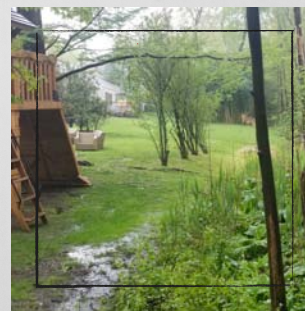
Stormwater Management Plan and Permitting

Structural Engineering & Analysis

Treatment Works Approval (TWA) Permitting

Construction Stakeout / Topographic and Boundary Survey

Wetlands Assessments / Delineations / Permitting





ECOLOGICAL & NATURAL RESOURCE MANAGEMENT

E2PM recognizes the critical challenges that various clients face in assessing the environmental impacts of their site development/improvement, operations, and economic decisions. E2PM staff are experienced in assisting our client's assessment of impacts by reviewing a proposed project against on-site environmental constraints, rules and regulations, and then providing innovative analyses that lead to cost-effective and environmentally sound solutions.

E2PM's Ecological & Natural Resource Services spread across a wide range of disciplines, including the utility and wireless telecommunications industries as well as site development (residential, commercial, industrial) working directly with Federal and State, Regulatory Agencies to provide efficient solutions (natural resources field work / permitting / mitigation) to fast-track projects. E2PM's primary service area includes New Jersey and New York.

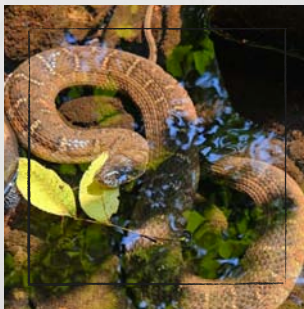
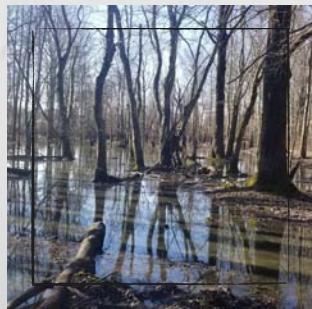
E2PM guides clients through all applicable regulatory compliance issues potentially affecting site development, including wetland delineation, permitting, mitigation, and monitoring activities. The Natural Resource team establishes a solid foundation for any project with permitting requirements through comprehensive site knowledge and regulatory coordination. E2PM is very familiar with the permitting procedures for NJDEP Freshwater Wetlands Approvals / Permits, Flood Hazard Area Permits and Coastal Zone Management Permits; Green Acre Diversions of Parklands; and USACE Individual & Nationwide Permits. E2PM also assesses projects for approval under a Permit-by-Rule whereby no formal permit application submission is required. E2PM will prepare, apply for, and obtain an Applicability Determination from NJDEP DLRP, if necessary.

E2PM has employed Staff approved by various agencies (NJDEP Endangered and Nongame Species Program / National Park Service) to provide environmental/construction monitoring services on various projects that require strict compliance with permit conditions as well as to ensure protection of both rare and common wildlife species and rare plants and Contractor safety. E2PM's staff includes an NJDEP-ENSP-approved Primary-level Venomous Snake Monitor.

Services

Coastal Zone Management Area Permits
(CAFRA/Waterfront Development)
Environmental Assessments (EA)
Environmental Impact Statements (EIS)
Fish Habitat Reviews
Flood Hazard Area (FHA) Permits
Freshwater Wetland Permits
General Construction Monitoring
General Wildlife/Plant Species Surveys
GIS Based Natural Resource Studies

GPS Surveys (Wetland Points, Tree Surveys, Structures)
Green Acre Diversions
Highlands Exemptions and Applications
National Environmental Policy Act (NEPA) Screenings /
Categorical Exclusions
Rare Species Environmental Monitoring (Snakes / Turtles)
Threatened and Endangered Habitat Evaluations / Surveys
USACE Nationwide and Individual Permits
Vernal Pool Identification / Surveys
Wetlands Investigations / Delineations



CULTURAL RESOURCE MANAGEMENT



With nearly a century of combined experience, E2PM's Cultural Resource Team has the knowledge and capacity to meet the most stringent requirements.

E2PM has a knack for developing innovative and cost-saving solutions for complicated cultural resources projects. The firm's cadre of Secretary of the Interior (SOI) qualified professionals meet or exceed the requirements of Federal, State, and/or Local preservation regulations. With experience on hundreds of projects, E2PM knows the "ins-and-outs" of the historic preservation and cultural resources industries and brings that same experience to every client and project. From localized cellular telecommunications facilities to large-scale multi-state utility corridors to properties located in local historic districts, E2PM has the knowledge and experience to guide a project to successful resolution no matter the regulatory environment. In contrast to other firms who take a one-size-fits-all approach, E2PM has a reputation for tailoring scopes of work and cost estimates to a given project's particular needs. The CRM team utilizes the most efficient and cost-saving techniques possible to ensure high quality services.

E2PM has designed, implemented, and completed all levels of historic architectural survey and consulted on the restoration and preservation of historic structures. The firm's qualified professionals have completed over 400 projects according to Section 106 of the National Historic Preservation Act (NHPA) and various State Historic Preservation Office (SHPO) standards including community-wide surveys, developing historic design guidelines, evaluating historic eligibility, finding ways to avoid and protect historic resources, and even providing vibration and crack monitoring for historic structures. E2PM's qualified archaeologists have also been involved in all levels of archaeological investigation (Phase IA, Phase IB, Phase II, Phase III), prepared artifact collections for permanent curation, and routinely consult and coordinate with SHPOs, Federal agencies, and Native American Tribes.

Services

Archaeological Monitoring
ArcView 10 GIS Software / Mapping Capability
Certified Local Government (CLG) Consultation
EA/EIS Compliance
Historic American Buildings Survey (HABS)
Historic American Engineering Record (HAER)
Historic American Landscape Survey (HALS)
Historic Architectural Assessment of Effects
Historic Architectural Survey – Reconnaissance & Intensive Level
Historic Background/Context Research
Historic Building Restoration/Rehabilitation
Intensive Level Historic Architectural NRHP Eligibility Evaluations

Interested Party/Native American Tribal Consultation
Interpretive Exhibits, Educational Interpretation
Maritime Archaeological Resources Documentation
National Park Service (NPS) Consultation
National Register of Historic Places (NRHP) Nomination
Phase IA Archaeological Assessment / Predictive Modelling
Phase IB Arch Surveys (Identify Presence / Absence)
Phase II Arch Investigations (NRHP Eligibility Evaluations)
Phase III Arch Data Recovery (Mitigation)
Prehistoric Archaeological Evaluations
Rapid Team Mobilization
Research at SHPOs, State Museums, Libraries, etc.
SHPO Consultation
Sub-Meter GPS Unit / Mapping Capability





TESTIMONIALS

Past Performance is the BEST indicator of future success!

An overall perspective of E2PM's performance is reflected by the firm's success in growing in a very competitive marketplace and its effectiveness in reducing costs. E2PM has steadily grown by 20 to 25 percent each year and has reduced internal costs during the same period by 25 percent. The business community has recognized this superior performance and routinely cites E2PM as top firms in their disciplines in publications such as Fortune and Forbes.

"The E2PM team has been my go-to for consulting services. They are knowledgeable and are able to deliver quality work products in a straightforward manner. In particular, in the last year with Covid and remote meetings, the E2PM team has been able to support the team as we were determining how best to stay on track with our ongoing infrastructure products. The E2PM team was critical to our success in staying on track."

~ Confidential Utility Client

"Brooklyn Bridge Park (BBP) has been working directly and indirectly with E2PM for over ten years. As BBP's on call engineers they provide trusted expertise on a complicated waterfront site. E2PM continuously puts the client first, always taking into consideration time and cost when presenting their opinions. Engineers at E2PM are easy to work with and are extremely practical with a solid knowledge of constructability. Their pricing is fair and any changes in scope are communicated clearly and in a timely fashion."

~ Lindsay Ross, BBP Development Corporation

"This was a huge project that covered a large portion of Pennsylvania. Like any project of this size there were unexpected problems. E2PM was there every step of the way. At every job conference, every special meeting. E2PM was responsive and gave good advice when it came to change orders and unexpected problems."

~Karl Maul, PA DCNR, Bureau of Forestry

"John and Marco are an outstanding team. This project, which was a coordinated effort with the Federal Government, was extremely complex. Numerous permits were obtained, drawings prepared, and coordination amongst all contractors, stakeholders, and community was required. For many years, there were a lot of wheels turning to get to the point of finalizing this restoration. The entire time E2PM was available and kept costs under control. The project took a lot longer than anticipated, due to COVID-19 and other factors, so they deserve credit in not going over budget."

~ Matthew Swain, Peconic Land Trust

TESTIMONIALS

"Outstanding Performance: Deliverables required little to no revisions. All costs were kept within the required budget constraints."

~ Ronald Young, US Dept of Agriculture - NRCS

"I have been an environmental coordinator since 2005 and have used GCE, TriLeaf, ATC, and EBI among others. No one delivers like Christopher Lanna and his team..... E2PM brings such quality, professionalism, ease of use, customer satisfaction, reliability, and general performance that it has never been a question. The deliverables are consistently excellent..."

~Marc Harris, TK Design Associates (for Verizon and T-Mobile)

"Mark Patalive is professional in all aspects of the job. Works very hard for both the client and the contractor and is open minded to subjection and solutions due to onsite conditions and concerns by both sides. He remediates and provides answers in expedient manner in order to keep the job going which at the end of the day saves the client money by not costing the contractor money!"

~David Stroud, All Terrain Excavating, Inc.

"I have had a professional relationship with E2PM for over 10 years. I consider the firm to be a partner in project strategy rather than just a consultant. They leverage their experience and rapport with regulatory agencies for the benefit of projects. We continually tap E2PM for time sensitive projects on complex problems because they are reliable and keep us advised on all critical junctures. This is crucial for utility companies when service outages are planned well in advance for project execution, but also to fix unscheduled outages as fast as possible."

~ Confidential Utility Client

AWARDS / RECOGNITIONS

As a Small Business Enterprise, E2PM has been apart of several projects that have received several awards or recognitions since 2005. The firm's growth, experience and involvement in many successful projects has established recognition and credibility in the engineering and environmental industry.

- ★ 2023 New Jersey Alliance for Action's NJ'S Leading Capital Construction Project Award (HBC. Inc. - Jersey City Municipal Utility Authority - Phase 1-2 Sewer Rehabilitation)



- ★ 2021 New Jersey Alliance for Action's - NJ's Leading Infrastructure Project Award (PSE&G - Metuchen Trenton Burlington (MTB) Transmission Line)

- ★ 2015 Fast Growth Award The Zweig Group



- ★ 2011 Phoenix Award for E.P.A. Region 2 (HBC. Inc. - Maxwell House Waterfront Redevelopment, Hoboken, NJ)



- ★ 2010 NJDEP Governor's Environmental Excellence Award for Innovative Technology (HBC. Inc.) (HBC. Inc. - Van Leer Chocolate Factory Redevelopment, Jersey City, NJ) (E2PM continues as environmental consultant for this project)



- ★ 2010 Smart Growth Award from New Jersey Future - Mixed-Use Waterfront Enhancement (HBC. Inc. - Maxwell House Waterfront Redevelopment, Hoboken, NJ) (<https://www.njfuture.org/events/smart-growth-awards/2010-award/maxwell/>)



E2PM REPRESENTATIVE CLIENT LIST



Note: Several confidential clients are not listed for privacy and contractual purposes.

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