



FirstPark, Oakland, Maine

OEST Associates, Inc. (OEST) is a 49-person, business that has been serving New England for over 20 years. Headquartered in South Portland, Maine, with a satellite office in the Greater Orlando, Florida area, we offer quality, comprehensive consulting services in:

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|---------------------------|----------------------------------|
| Master Planning | Architecture |
| Site Permitting | Structural Engineering |
| Civil Engineering | Mechanical/Plumbing Engineering |
| Environmental Engineering | Electrical Engineering |
| Surveying | Construction Management |
| Forestry Management | Airport Planning and Engineering |
| Landscape Architecture | |



Engineering & Science Research Building, University of Maine, Orono, Maine

Throughout OEST’s history, we have been directly involved in working with municipal, state and federal governments, commercial, retail and industrial clients. OEST approaches each project from the client’s perspective. This is done by developing a realistic, cost-effective scope of services that addresses the client’s actual needs and by implementing that scope in an efficient and technically correct manner. We strive to provide our clients with realistic advice and to assist them in applying their resources efficiently to achieve their goals.

The firm’s growth and high percentage of repeat clients is indicative of our commitment to provide superior services. We offer our clients:

- Expert advice on cost effective, buildable designs.
- A comprehensive range of in-house services.
- A sound working relationship with state and federal regulatory agencies.
- Straight-forward and open communications.

In summary, OEST offers clients superior technical capability, individual attention, and the ability to complete projects on time and within budget.



Wafer Fab Expansion, National Semiconductor South Portland, Maine

CIVIL/ENVIRONMENTAL ENGINEERING AND PERMITTING SERVICES

OEST’s civil engineering staff has substantial experience in permitting, site layout and utility design, roadway and pavement design, grading, drainage, stormwater management, and erosion control. We are active in the formulation of public policy and innovative design with a sensitivity to the environmental concerns of today. Our staff has worked directly with local, state and federal environmental agencies throughout the Northeast, including the Maine Department of Environmental Protection, the Environmental Protection Agency, the U.S. Army Corps of Engineers, and the National Park Service. We are familiar with planning board procedures through our representation of both private applicants and municipalities.

OEST offers the following related site design services:

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|--|-----------------------|
| • Infrastructure Design and Rehabilitation | • Feasibility Studies |
| • DEP Permitting | • Civil Engineering |
| • Environmental Engineering | • Site Design |
| • Site Planning | • Drainage Studies |
| • Landscape Architectural Design | • Master Planning |



Cape Elizabeth Police Department, Cape Elizabeth, Maine



Great Lakes Hydro-Cluster Rules Project, Berlin, New Hampshire



Corporate Courtyard, J.J. Nissen/IBC, Biddeford, Maine



Acadia National Park, Mount Desert Island, Maine

BUILDING SERVICES (Architecture; Landscape Architecture; Structural, Mechanical, Plumbing and Electrical Engineering)

The OEST Building Services Division is well structured to provide complete building design services from initial concept through final design and construction as well as post-design consultation. OEST works on a wide array of building projects ranging from programming and planning only to full A/E services through construction administration. Additionally, our firm typically works on projects with a total annual construction cost of \$30 million to \$50 million and on many of these projects, we perform both the design and construction of the project in house.

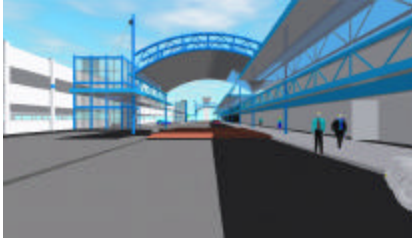
OEST offers the following building services:

- Feasibility Studies
- Planning and Programming
- Inspection, Evaluation, and Appraisal of Existing Buildings (including historical structures)
- Life Cycle Cost Analysis
- Code Research and Analysis
- Architectural Design
- Historic Preservation
- Structural Design/Engineering
- Mechanical and Plumbing Design/Engineering
- Electrical and Lighting Design/Engineering
- Fire Protection Design/Engineering
- Interior Design
- Value Engineering
- Bid Document Preparation, Coordination and Evaluation
- Construction Administration and Monitoring
- Construction Management
- Design/Build Project Delivery
- Maintenance and Operational Programming
- Warranty Review

SURVEYING SERVICES

OEST's surveying staff has worked throughout the Northeast. They have extensive experience in boundary, topographic, route, right-of-way, construction layout, hydrographic and GPS surveys. We have additionally worked directly with the FAA on obstruction and NAVAID location surveys. The staff of 7 full-time surveyors support OEST's architectural/engineering staff as well as outside clients on a variety of projects including roadway and pavement design, site layout and utility design, permitting, and facility expansion projects. Our crews are trained and experienced in operational requirements for projects located in deep wood terrain and environmentally sensitive areas.

A testament to our firm's professionalism is the survey services we have provided to other engineering firms who provide engineering services similar to those provided by OEST.



*Portland International Jetport Pedestrian Canopy,
Portland, Maine*



Wiggins Airways, Manchester, New Hampshire

AIRPORT PLANNING AND ENGINEERING SERVICES

OEST has provided service at more than eighty airports throughout the Northeast. Our firm has exceptional experience in providing services associated with planning, environmental, financial and design projects. Our experience at various airports has included airport site selection and airport master planning projects, planning and design of airport industrial parks, obstruction analysis and removal, construction of general aviation areas and design of many other specific airport development projects.

In terms of the proposed projects, OEST will bring experience covering a full range of airport planning and engineering services including:

- Airport Master Planning and Updates
- Environmental Assessments/Permitting
- Design and Reconstruction of Runways, Taxiways, Aprons, Runway Extensions, Ramps
- Design of Access Roads and Parking Areas
- Airfield Lighting, NAVAIDS, AWOS and NDB's
- Renovation/New Design of Terminal Buildings, Hangars, and Service Buildings
- Equipment Selection/Procurement
- Property Surveys
- Obstruction Surveys
- Construction Management/Construction Inspection/Construction Administration
- Expediting Funding for Projects
- Preparation of Grant Applications
- Land Acquisitions
- Preparation of Exhibit A's
- Assistance with Maintenance and Updating of Federal/State DBE/MBE Reports

OEST works extensively with FAA and governmental grants. Therefore, the firm has an in-depth understanding of current FAA regulations, policies, and procedures. OEST regularly attends FAA conferences and workshops; and as a result, staff members who would be assigned to this project are very familiar not only with FAA planning and design guidelines, but also with the recently expanded and revised funding policies contained in the AIP legislation. Key personnel who would be assigned to this project have worked extensively with FAA personnel in the Eastern Region office, including the FAA staff who would be responsible for any review and approval of the proposed projects at the airport. We maintain association with all areas of the country through active membership in the American Association of Airport Executives (AAAE).

OEST has designed airport facilities throughout the United States, from Maine to Wyoming to Alaska. The effects of cold weather and frost have a direct bearing on the design of airport pavements and other facilities, especially in this region. Consequently, our engineers have performed site-specific research and testing and consulted with staff of the U.S. Army Cold Weather Research Laboratory and Department of Transportation Materials Laboratories. Our staff has also attended courses and seminars in pavement design and construction presented by the FAA and State DOTs.



*Sales and Service Facility, Southworth-Milton,
Clifton Park, New York*

CONSTRUCTION MANAGEMENT SERVICES

OEST's Construction Management/Design Build Division offers experienced construction managers and superintendents, which gives our clients the ability to apply a contractor's perspective to their projects during the design process. By applying constructability reviews at the design stage, OEST has the unique in-house capability to provide accurate cost estimating, value engineering, and scheduling. During the construction phase OEST works in the best interest of the owner, and, as such provides the following services: prepare, review, and recommend award of bids from contractors; provide cash flow projections to the owner; execute and administer contracts between the owner and contractors; provide full time supervision; establish and maintain CPM scheduling; establish and maintain quality control standards; and compile and prepare monthly invoicing to the owner.

Construction Management allows flexibility with respect to utilizing local trades and suppliers and also allows the owner to be involved with this decision. The goal of OEST's Construction Management Division is to provide every owner the product they envisioned on time, under budget, at the highest level of quality available.



*Fort Williams Park,
Cape Elizabeth, Maine*

FORESTRY

Forestry is the most recent addition to OEST's line of work. However, our staff of foresters has extensive research, management and consulting experience. They have worked primarily in northern New England, but projects have taken them across the continental US as well as to Alaska and Canada.

OEST offers the following forestry services:

- Land Management
- Forest Management Planning
- Silvicultural Analysis and Management
- Timber Harvest Design and Supervision
- Economic Analysis
- Forest Inventory and Data Collection

Our foresters have been recognized as regional leaders in their field, and are providing forest management audits for Sustainable Forestry Initiative and ISO 14000.

COMPUTER CAPABILITIES

OEST has an extensive system of computer hardware and software and technical expertise to offer its clients a wide range of computer services during and after the project. Our work stations are equipped with AutoCAD and Softdesk software for producing construction drawings. OEST has electronic modem capability for rapid exchange of computerized data. Field data is collected electronically through GPS units and electronic data collectors. Computations are made through Softdesk survey software, and plans produced in AutoCAD.