



**MBE // DBE**

# *Aviation & Transportation* Qualifications



# FULL SERVICE CERTIFIED MBE FIRM

## Locations

### Queens

89-31 161 St.  
Jamaica, NY 11432  
(212) 372-4813

### Manhattan

215 West 94th Street  
Suite 517  
New York, NY 10025  
(212) 372-4813

### Buffalo

295 Main Street, Suite 200  
Buffalo, New York 14203  
(716) 856-3933

### Albany

Hanover Square  
435 New Karner Road  
Albany, New York 12205  
(518) 452-1037

## Website

foit-albert.com

MBE // DBE

Foit-Albert Associates, Architecture, Engineering and Surveying, P.C., is an award-winning, New York State based, multidisciplinary architecture, engineering, environmental, and land surveying consulting firm with offices in Queens, Manhattan, Buffalo, and Albany. Our projects range from buildings to transportation and infrastructure.

Foit-Albert Associates has an extensive track record of providing high-quality design and construction contract administration services for aviation and transportation projects. Our vast range of capabilities allow us to respond to the needs of the passengers, tenants, employees, owners, and agencies at various scales and levels.

The result of our work is a wide-range of aviation and transportation-focused projects. More importantly, these projects have improved the way people do business, the way they view their community, the way they live their lives and also the way they travel. As a firm, Foit-Albert Associates strives to place importance on even the smallest of details in order to achieve outstanding results. Whether the job is renovating a baggage claim for the NFTA at the Buffalo Niagara International Airport, or performing construction overview at the Albany International Airport, Foit-Albert Associates dedicates its attention to the customer and its wealth of experience to make the process seamless.

## AVIATION & TRANSPORTATION PROJECT EXPERIENCE

- JFK Terminal 6 Support Space 2022 - Ongoing
- JFK Terminal 4 Delta 1 / Sky Club 2021-Ongoing
- JFK Overhead Signs 2022 - Ongoing
- JFK Terminal 5 Jet Blue Arrivals Corridor 2022 - Ongoing
- JFK Terminal 7 Condition Assessment 2022 - Ongoing
- JFK Terminal 6 Commissioning Services 2022 - Ongoing
- LaGuardia Airport Central Terminal Redevelopment Projects 2016 - Ongoing
- LaGuardia Airport - Delta Airlines, Terminals C-East, C-West & D 2019 - Ongoing
- JFK Terminal One 2020 - Ongoing
- MTA LIRR Far Rockaway Station Replacement 2019 - 2019
- Buffalo Niagara International Airport Baggage Claim Renovations 2016 - Ongoing
- Albany International Airport Reconstruction 2018 - 2020
- Upstate Airport Economic Development 2018 - Ongoing
- Niagara Falls International Airport Runway Expansion 2017 - 2017
- Buffalo Niagara International Airport Overnight Parking 2017
- Buffalo Niagara International Airport Runway Rehabilitation 2017 - Ongoing
- Albany International Airport Boarding Bridge Renovations, Phase I 2017 - 2017
- Albany International Airport Boarding Bridge Renovations, Phase II 2017 - 2017
- Buffalo Niagara International Airport Parking Lot Expansion Survey 2013 - 2013
- Dutchess County Airport 2008 - 2008
- New York State Regional Airports

# CERTIFICATIONS & SERVICES

## CERTIFICATIONS

- **SBE Certification** – certified by Port Authority of New York and New Jersey
- **DBE Certification**
- **MBE Certification** - certified by Port Authority of New York and New Jersey • New York State Department of Economic Development Division of Minority and Women's' Business Development • Dormitory Authority State of New York • County of Erie and City of Buffalo • NYC Small Business Services • NYC School Construction Authority • Pennsylvania Small Diverse Business

## CODES

- **NAICS 541330 Engineering Services**
- **NAICS 541310 Architectural Services**
- **NAICS 541620 Environmental Consulting Services**
- **NAICS 541370 Surveying and Mapping**
- **NAICS 236220 Commercial & Institutional Building Construction (for CA/CIO)**
- **NYSDOT Work Codes:** 010A, 010B, 010C, 010D, 010E, 010F, 010G, 010H, 010I, 010J, 010K, 010L, 010M, 010N, 010O, 010P, 010Q, 020A, 040A, 040B, 040C, 050A, 050B, 080B, 080C, 080D, 080H

## SERVICES WE PROVIDE

### ARCHITECTURE

Architectural Design  
Historic Preservation  
Interior Design  
Sustainable Design  
Master Planning  
LEED™ Design  
Code Review  
Building Envelope Analysis  
Air Infiltration Analysis  
Construction Administration  
Construction Management  
Feasibility Studies  
Owner Representation  
Architect of Record  
NYC Landmarks Preservation  
Commission Compliance  
High-Definition Laser Scanning  
360 Photography

### ENVIRONMENTAL

Regulatory Compliance  
NEPA Compliance  
SEQR Compliance  
& Permitting  
Biological and Natural  
Resources  
Due Diligence & Real  
Estate Transactions

### ENGINEERING

Site/Civil Engineering  
Bridge Design  
Construction Inspection  
Construction Management  
Structural Engineering  
Highway & Road Design  
Stormwater Management  
SWPPP Design & Inspections  
Culvert Inspections  
Canal Inspections  
Responsible Project  
Management  
Planning Board Review  
Emergency Response

### BUILDING SYSTEMS ENGINEERING

Building & fire code analysis  
Fire suppression & detection  
Special hazard fire  
suppression  
Water supply evaluation  
Smoke management  
Egress analysis  
Hazardous material storage  
& classification  
Mechanical Engineering  
Electrical Engineering  
Plumbing Engineering  
Refrigeration Engineering  
Process Piping Engineering

### SURVEYING

ALTA/NSPS Surveys  
Horizontal and Vertical  
Geodetic Control  
Topographic Survey and  
Mapping  
FEMA LOMA & LOMR-F  
Applications  
Digital Terrain Modeling  
Right of Way and Easement  
Surveys  
Telecommunication Facility  
Survey  
Drainage Plans  
Lot Grading Plans  
GPS Services  
Volumetric Surveys  
Gas Line Surveys  
Forensic Surveys  
Industrial Surveys  
FAA 1A and 2C Certifications  
GIS  
High-Definition Laser Scanning



*Design of architectural core & shell,  
interior fit-out of MEP/FP/FA systems.  
Coordination across large design team  
and multiple design submissions.*

## JOHN F. KENNEDY INTERNATIONAL AIRPORT - PHASE 2.5 REDEVELOPMENT - DELTA ONE LOUNGE & DELTA SKY CLUB

New York, New York

Foit-Albert Associates is currently providing architectural and construction contract administration services as the **Architect of Record** for Arup and Delta Airlines for the new Delta One Lounge and Delta Sky Club at JFK Terminal 4.

### *Project:*

The project scope includes existing conditions documentation, bid documents for contract procurement, phasing and enabling design & coordination of the submission for Port Authority approval, construction administration and closeout documentation.

This project is being coordinated with the simultaneously occurring Phase 2.5 Redevelopment projects for Delta at JFK Terminal 4.

The scope is a mixture of Core & Shell and interior fit-out to provide a new Delta One lounge for JFK Terminal 4 and fit-out for a new Delta Sky Club. The program requirements range from high end spaces to support and back of house spaces.

### *Contact*

Jenny Buckley  
Americas Aviation Leader, Principal  
77 Water Street  
New York, NY 10005  
+1 (212) 897-1558  
[jenny.buckley@arup.com](mailto:jenny.buckley@arup.com)



*Architectural design of interior fit-out in collaboration with lead design team from DD through TAA submission, coordination with existing systems maintaining operation and performance during all phases of the projects.*

## LAGUARDIA AIRPORT - CENTRAL HALL

New York, New York



Foit-Albert Associates was selected by Hellmuth, Obata & Kassabaum (HOK) to provide Architectural Support Services for the Central Hall Fit-Out Project.

### *Project:*

The Foit-Albert team worked in collaboration with HOK to complete the fit-out for the new Central Hall which links new Terminals B and C at LaGuardia Airport.

Serving as the primary entrance and focal point of the new \$8-billion LaGuardia Airport, the Central Hall will become the iconic welcome hall to the first new airport built in the U.S. in the last 25 years.

The space has premium dining, cafes, stage, retail, meeting & support spaces to provide LGA a unique amenity. It also features some unique art, architectural / interactive installation creating a space that can become a recognizable 'meetup' place for travelers.

### *Contact*

HOK  
1065 Avenue of the Americas,  
6th Floor  
New York, NY 10018  
Jeanette Segal  
[Jeanette.segal@hok.com](mailto:Jeanette.segal@hok.com)



## LAGUARDIA AIRPORT - DELTA AIRLINES

New York, New York

Foit-Albert Associates is currently providing architectural and construction contract administration services as the **Architect of Record** for Burns & McDonnell and Delta Airlines for the Demolition & Make Ready work at the existing Terminals C-East, C-West and D.

### *Project:*

The project scope includes existing conditions documentation, bid documents for contract procurement, phasing and enabling design & coordination and coordination of the submission for Port Authority approval. This project is being coordinated with the simultaneously occurring LGA Airfield Reconfiguration Program which is a development and reconstruction of the entire LaGuardia Airport in Queens, New York. The extent of the project includes the phased removal and stabilization of approximately 720,000 square feet of Terminal area.

### *Contact*

Emanuele Incorvaia  
Burns & McDonnell  
245 5th Ave, Suite 2100  
New York, NY 10016  
[eincorvaia@burnsmdc.com](mailto:eincorvaia@burnsmdc.com)





*Architect of Record, documentation of  
as-built conditions, phasing & enabling,  
demolition design & coordination*



*Architectural support, coordination with existing systems maintaining operation and performance during all phases of the projects*

## LAGUARDIA AIRPORT CENTRAL TERMINAL

New York, New York



Foit-Albert Associates was selected by Hellmuth, Obata & Kassabaum (HOK) to provide Architectural Support Services for the Central Terminal Building Redevelopment Project.

### *Projects:*

#### **Pier A&B Demolition - *Architect of Record***

Foit-Albert and its subconsultant team is providing architectural and engineering services through construction documentation for the demolition of Piers A&B to allow for the new connecting bridges between the new Head House and Concourses as well as airplane taxi ways.

#### **West Garage Connector to Central Terminal B - *Architect of Record***

Foit-Albert provided preliminary conceptual design (architectural and structural) and full design for a temporary pedestrian connector from the New West Parking Garage to the existing Central Terminal Building. Also prepared the construction documents, and Construction Administration. (completed)

#### **Security Screening Check Point Reconfigure Pier A&B - - *Architect of Record***

Foit-Albert provided phasing and enabling architectural and engineering services through construction documentation for the Security Screening Check Point at Existing Central Terminal B

(CTB). Scope of Work included architectural, interior design, structural engineering (as required), signage and wayfinding design, along with coordination and management of: baggage handling, security, mechanical, electrical, plumbing, fire protection, and fire alarm subconsultants. As this scope of work is part of the phasing and enabling works of the project, timely coordination and completion of the design and deliverables was critical to the project sequence of work. All existing systems and equipment impacted by this Scope of Work were required to remain operational during the project.

#### **Central Terminal Building Re-Development**

Foit-Albert is providing embedded dedicated project personnel working in HOK's office. The Focus of the work was on the new Headhouse and Concourses A & B. This included: Shell, Structural and MEP Coordination, Exterior Walls Detailing, general Construction Administration and the processing submittals.

### **Contact**

HOK  
1065 Avenue of the Americas,  
6th Floor  
New York, NY 10018  
Jeanette Segal  
Jeanette.segal@hok.com



*Architectural and Survey design services,  
2-story addition, office relocation, renovations and baggage handling updates*

## NFTA BUFFALO NIAGARA INTERNATIONAL AIRPORT BAGGAGE CLAIM RENOVATIONS

Niagara Frontier Transportation Authority

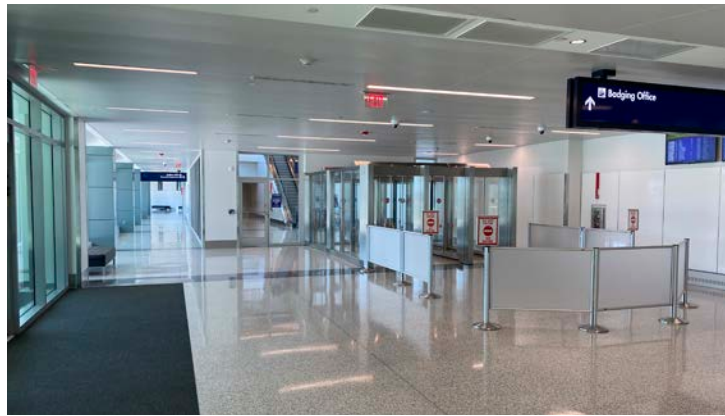


photo by: Thomas Mills



photo by: Thomas Mills

Foit-Albert Associates is providing architectural design services for renovation to the baggage claim area of the Buffalo Niagara International Airport.

The scope of services for this project include the construction of a 2-story addition adjacent to the east and west sides of the main entrance of the Buffalo Niagara international Airport. The addition will house relocated administration offices, restrooms, baggage offices, loading docks, concession space, baggage handling space, and storage. Existing space on the arrivals level will be renovated to convert baggage claim carousel to sloped plate type and add a fourth carousel. The project also opens up space on the departures level to expand the security checkpoint. The addition provides a new covered passageway from the international flight arrival

area. Most importantly, these additions make it possible to separate passenger arrival and departure traffic for improved traffic flow, throughput and a better passenger experience.

Foit-Albert is providing Construction Administration services under a separate contract.

### Contact

Mr. Rob Coan, Project Manager  
Jacobs Civil Consultants, Inc.  
(214) 583-8255  
[Rob.Coan@jacobs.com](mailto:Rob.Coan@jacobs.com)

*Design & construction services for airport renovations: Terminal rehab, new parking plaza, third party QAQC and overall project coordination*

## ALBANY INTERNATIONAL AIRPORT RECONSTRUCTION

Albany County Airport Authority



Foit-Albert Associates, as a subconsultant on two separate contracts, provided services related to the planning, design and construction of various projects at the Albany International Airport.

The scope of our services was design, review of plans, coordination of plans, third party QAQC and weekly conference calls.

The work at Albany airport consists of rehabilitation of the terminal, building a new parking plaza, improvements to customer parking access through improved LED signage, car counting devices, access control devices etc. and installation of solar panels.

Foit-Albert Engineers developed the staging plans for the renovation work inside the airport; reviewed the plan sets at various stages for the parking garage and reviewed the site/civil plans.

In addition Foit-Albert Associates performed third-party review of other architectural and engineering drawings and specifications with regards to building code compliance, accessibility & constructability review based on our aviation experience.

### Contact

NYS DOT - owner  
Parsons - Prime  
Howard Ungar  
100 Broadway  
New York, NY 10005  
212-266-8573  
[Howard.Ungar@parsons.com](mailto:Howard.Ungar@parsons.com)



*Rehab & replacement of passenger boarding bridges, development of a comprehensive safety management strategy*

## ALBANY INTERNATIONAL AIRPORT PASSENGER BOARDING BRIDGE

Albany County Airport Authority



Foit-Albert Associates worked as a subconsultant on a project for the replacement of passenger boarding bridges (PBB) at Gates A4, B11 and C2 with new PBB, as well as rehabilitation of bridges A5, B5, B7, B8 and B10 at Albany International Airport.

Our scope of work (in conjunction with the Prime) was the development of a construction phasing plan which limits interference of the construction with airline operations and the development of the necessary plan drawings to depict the agreed upon phasing plan in the contract documents. Hazard markings, lighting and signage were shown on the plans as well as proper barricades inside the terminal area to protect passengers and airport personnel.

Also, Foit-Albert with assistance from Prime, developed a comprehensive safety management strategy that identified and mitigated the risk due to construction activity on the active airfield and inside the terminal for everyone including contractor personnel, passengers, construction inspectors, airport operations, and FAA personnel. The CSPP conforms to AC 150/5370-2.

Foit-Albert also performed Construction Administration services

### Contact

Albany County Airport Authority - Owner  
C&S Engineers, Inc. (Prime)  
Michael LaMontagne, AIA  
Managing Architect  
499 Col. Eileen Collins, Blvd.  
North Syracuse, NY 13212  
315-455-2200  
[mlamontagne@cscos.com](mailto:mlamontagne@cscos.com)

# UPSTATE AIRPORT ECONOMIC DEVELOPMENT

NYSDOT



Foit-Albert Associates, as a subconsultant under a NYSDOT Term (RDSA) contract, was charged with designing a new esthetically pleasing sub-residency building as part of the Upstate Airport Economic Development and Revitalization at the Ithaca Airport.

The scope of our services centered on architectural design, structural foundation, steel and wood frame design, including survey.

The building has adequate vehicle storage for 10 trucks, loader and tow plow, with one additional double mechanical bay and truck washing bay. It also includes an office area, Lunch/break room (30 people), toilet/shower/locker rooms, storage rooms and mechanical/electrical rooms. Work included providing parking for 40 vehicles.

In addition, a salt barn, cold storage pole barn and fuel tank system was designed for the site.

**The initial design was acknowledged to the extent that it will be the prototype for all similar NYSDOT buildings.**



*New-build, architectural design,  
developed prototype for all similar  
NYSDOT buildings*



Winner - 2020 Associated General Contractors, New York for Excellence in Partnering Award

## THIRD PARTY REVIEW DRAWINGS & SPECIFICATIONS

Ithaca Tompkins Regional Airport



Foit-Albert Associates, as a subconsultant, was tasked with the independent third-party review of other architect and engineering drawings and specifications in the interest of building code compliance, accessibility & constructability review for state grant renovations at Ithaca Airport and the Ithaca Airport Customs Building.

The scope of our services centered on reviewing those drawings and specifications for accuracy, coordination, and completeness. This review was conducted to improve the outcome of the project as a whole through the design and construction process. Our expertise in airport design matters, as well as having licensed building inspectors on staff, made our team an appropriate value-add to the review group to provide these document review services in the Architecture, Structural and Civil Engineering capacities.

Working in conjunction with the record architect and engineers on a tight time schedule for deliverables, Foit-Albert Associates was able to deliver appropriate comments for review and response at each phase of the design process, thus providing valuable insight into the current design and allowing overall improvements to the deliverables for bidding, permit and construction.



## ALBANY INTERNATIONAL AIRPORT

Albany County Airport Authority



Foit-Albert Associates, as a subconsultant, was responsible services related to the design of new aircraft hangars at the Albany International Airport.

Foit-Albert's architects designed a hangar for helicopters using a pre-engineered metal building. This prototype was then used for 3 additional buildings. The hangars each house 2 Blackhawk helicopters and it is for DMNA (Division of Military and Naval Affairs). They are 160' wide by 80' deep and 34' high. Each helicopter hangar door weighs 9,000 lbs. and has a clear opening of 19' high.

Foit-Albert also performed code review on the project which involved looking into more fire codes and special items that pertain to aircraft hangars.

Foit-Albert provided construction administration services. The hangars were completed in December 2020 in time for January 1st delivery of 8 new Blackhawk helicopters. The schedule was tight with no room for errors in maintaining the deadline.

**Challenge/Solution** This construction took place at the Albany Airport and must not interrupt the regular airport operations. There are also height restrictions for the hangars and cranes used to construct them because of the planes landing and taking off.



## SURVEY AIRPORT EXPERIENCE



Foit-Albert Associates Survey Crews have general aviation land surveying and land acquisition experience involving design and engineering of runways, terminals and support building projects and site/civil work, such as drainage, parking lots and lighting and pavement rehabilitations and upgrades.

### *Projects:*

**Genesee County Airport Hangar Demolition**  
Site Survey

**Painted Post Airport Project**  
Site Survey, Topographic Survey, Excavation Stakeout

**Niagara Falls International Airport - Taxiway D**  
Topographic Survey services to support the Rehabilitation and Reconstruction of Taxiway D

**Buffalo Niagara International Airport Parking Lot**  
Topographic and Utility Survey and Mapping services to support the design of Parking Lot "B" expansion

**Buffalo Niagara International Airport Runway Layout**  
Layout for the rehabilitation of runway 14-32.

**Niagara Falls International Airport Runway Expansion**

Layout and as-built drawings in association with the rehabilitation of runway.

**Buffalo Niagara International Airport Overnight Parking Facility**

Topographical survey in association with an additional overnight parking facility.

**Buffalo Niagara International Airport Baggage Claim**

Topographic surveying services in support of the Baggage Claim Expansion project





## BUILDING SYSTEMS AIRPORT EXPERIENCE



Foit-Albert provides Building Systems Engineering services for new construction and redevelopment projects, central utility and infrastructure systems, fire protection and life safety analysis, HVAC, plumbing, electrical, process piping and high purity water systems, code reviews and analysis, feasibility studies, cost analysis, and construction support.

### *Projects:*

#### **LaGuardia Airport (LGA) Redevelopment Project Amenities Building**

- HVAC, Plumbing, Electrical, Fire Protection

#### **JFK Airport Terminal 4**

- Delta One Core and Shell
- Sky Club Fit-Out
- Delta One Fit-Out
- HVAC, Plumbing, Electrical, Fire Protection

#### **JFK Bergen Substation**

- Fire Protection,

#### **JFK Terminal 7 Condition Assessment**

- HVAC, Plumbing, Electrical

#### **Buffalo Niagara International Airport**

- Record Drawings



*Site Civil to support landside & airside including: the apron, runway, taxiway, parking and passenger boarding bridges, buildings, utility investigation and mitigation.*

## CIVIL ENGINEERING AIRPORT EXPERIENCE



*Typical aviation civil scope - prior to construction*

Foit-Albert Associates Site Civil provides engineering services as a sub-consultant for the replacement of existing passenger boarding bridges, development of construction phasing plans to limit interference with airline operations, pavement & grading design, construction administration and performed third-party independent reviews.

### *Projects:*

#### **JFK Terminal 4**

Sub-consultant contract for site civil engineering services as part of the expansion of the Delta One Lounge project. Services include development of drawings for site and utility layout, grading, and construction layout and phasing as well as providing individual Site Capture and Foundations packages.

#### **Albany Airport Renovations**

Services related to the planning, design, and construction of various projects on two separate contracts.

#### **Albany Airport Passenger Boarding Bridge Improvements Phase I & Phase II**

Sub-consultant for replacement of 10 passenger boarding bridges including development of drawings and completion of Part 77 Aeronautical Evaluation for submission to the FAA.

### *Other Civil Staff Aviation Experience*

#### **Piseco Airport Runway 4-22 Rehabilitation Design**

This project involved the design for rehabilitation of the approximately 3,015' x 60' Runway 4-22.

#### **Albany International Airport Terminal Ramp Trench Drain Replacement Construction**

This project involved the replacement of approximately 1,300 linear feet of the existing 6 " trench drainage on the Terminal Ramp.

#### **Syracuse International Airport Apron and Connection Taxiway**

This project involved the design of new apron and taxiway to connect to the existing taxiway system.

#### **Cap May Airport Multi-Tenant Building**

This project involved the construction of a 15,120 sq. ft. pre-engineered building for industrial spaces.

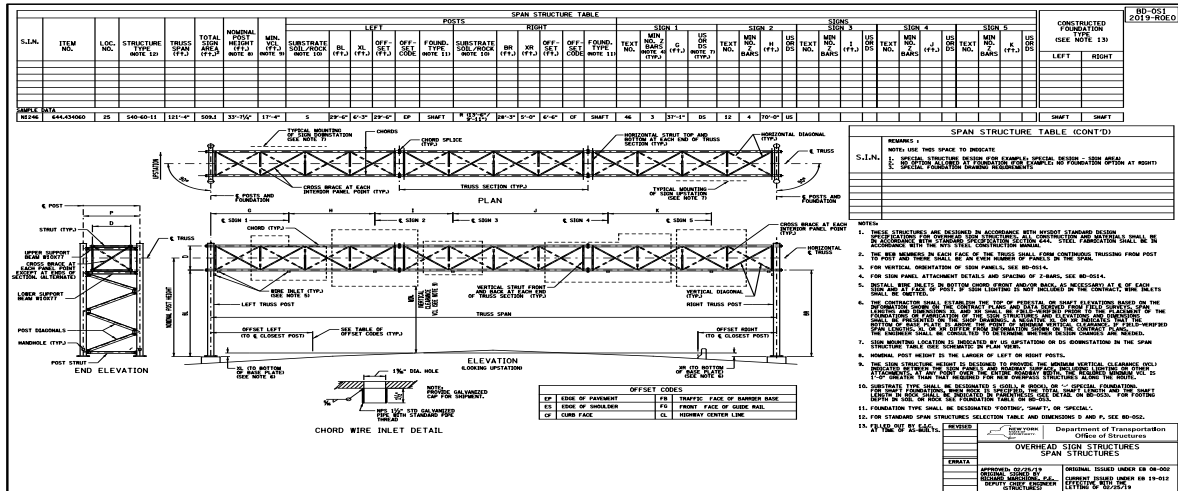
**Trenton Mercer Airport** This project involved the design of an asphalt pavement extension.

#### **Lake Placid Airport Runway Rehabilitation**

This project involved the milling, overlay, crack repair, repainting and the general redesign of the pavement centerline profile and transverse grades for a full runway.



## STRUCTURAL ENGINEERING AIRPORT EXPERIENCE



Foit-Albert Associates was awarded Stage III and Stage IV work for Overhead Sign Structure (OSS) replacement/reuse and Removal outside JFK airport by the Port Authority of NY/NJ.

*Specific tasks include:*

- Coordinate with the Authority, NYSDOT and other agencies with jurisdiction on final Overhead Sign Structures (OSS) location, foundation impact and staging. as required to locate new OSS based on NYSDOT standard configuration, satisfy AASHTO and NYSDOT design requirements.
- Provide final foundation and superstructure structural design and construction support services for various overhead sign structures. Included in the work is:
  - Sixteen (16) New NYSDOT standard OSS (off-airport)
  - Reuse of One (1) NYSDOT standard OSS (off-airport)
  - Removal of Nine (9) OSS (off-airport)

Each location is being evaluated. The final designation may be different if more signs can be reused for example:

- Coordinate interferences between the OSS foundations and new or existing underground utilities based upon underground utility survey information provided by the Authority.
- Perform structural analysis and design for each OSS of both static and dynamic message traffic signs based on NYSDOT OSS manual and standard sheets. Foit-Albert developed a Mathcad sheet to analyze the OSS including both the truss portion of the structure and the supporting columns.
- Verify soil bearing capacity, deep foundation capacity and other soil properties with Authority Geotechnical Engineering. Indicate such information on structural drawings.
- Evaluate the possibility to reuse any additional existing OSS instead of new OSS installation.
- As needed structural engineering design services.
- Post Award Construction Support Services (Stage IV).

**CONTACT:**

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