



THE Markosky ENGINEERING GROUP INC.



*Bradford County Airport Authority
Airport*



*Pittsburgh International Airport
North Baggage Handling System*

Engineering Services

- ❖ Master Planning
- ❖ Feasibility Studies
- ❖ Runway & Taxiway Design
- ❖ Site Design
- ❖ Pavement Design
- ❖ Grading & Drainage Design
- ❖ Grant Administration

The Markosky Engineering Group, Inc. (MEG) has provided successful engineering design services to aviation clients. Our services include taxiway design, site design, mechanical design and electrical design. Our engineering staff utilizes the FAA Advisory Circulars on airport design to ensure compliance with aviation rules and regulations.

MEG provides total engineering support to our clients from project inception, to project close out including design reviews, project meeting attendance, specification preparation, bid preparation / tabulations, and overseeing project construction.

Most of our work is performed and constructed under the Pennsylvania Department of Transportation Bureau of Aviation grants. Through compliance with local airport authorities, we have been afforded the opportunity to work on the following projects.

➤ **Bradford County Airport, Bradford County, PA**

Airport Authority's engineer of record, MEG is responsible for all engineering design activities undertaken at the airport. Responsibilities include grants administration, airport planning, right of way acquisition, and design of grading, drainage, E&S, stormwater management, and paving improvements.

➤ **Pittsburgh International Airport – Taxiways T & V Rehabilitation, Pittsburgh, PA**

This project involved the rehabilitation of taxiways T & V. It included generating the existing ground surface from survey data and developing the existing ground profiles and cross-section for each taxiway. This project also included designing the proposed vertical alignments, final cross-sections, and final pavement slab elevation plans for each taxiway.

➤ **Pittsburgh International Airport North Baggage Handling System, Allegheny County, PA**

MEG is the mechanical and electrical subconsultant for this 28,000 sf Baggage Handling Facility. The building houses extensive baggage conveyor systems, sensitive electronic equipment, and airport personnel. MEG provided HVAC, plumbing, fire protection, power, lighting, communications, security and lightning protection designs.

➤ **Pittsburgh International Airport, Snow Removal Equipment (SRE) Storage Facility, Pittsburgh, PA**

This project involved the construction of a new 45,000 sf storage facility for the Airport's existing SRE. As part of the Final Design Documents Phase, MEG completed the design, plans preparation, specifications, and cost estimate for the HVAC system, fire protection system, and plumbing system.

➤ **Environmental Quality Company Deicing Building, Pittsburgh International Airport, Allegheny County, PA**

Project involved installation of a modular building for light industrial use. MEG provided structural (foundation), mechanical and site design expertise.

➤ **Pittsburgh International Airport Deicing Building, Allegheny County, PA**

Project involved design of a new deicing facility building. MEG provided HVAC design and plans preparation support to PBS&J.