

# Rebecca A. Pedersen

## President

**Years Experience:** 26

**Active Registrations:** Engineer-in-Training (E.I.T.)

**Education:** Swarthmore College—B.S., Engineering

### **Experience & Qualifications:**

Ms. Pedersen is president of Pedersen & Pedersen, managing and directing daily activities. Her chief responsibilities include project administration, company overview, proposal preparation, and allocation of company resources. In addition, she serves as the company's health safety officer (HSO).

Ms. Pedersen has technical experience focused on land development, civil engineering, and surveying. She has field experience as a survey crew party chief, monitoring construction projects, and undertaking environmental surveys.

### **Representative Projects:**

**David L. Lawrence Convention Center** **Project Administrator**  
Pittsburgh, Pennsylvania

Scheduling and budget management for various phases of reconstruction including:

- ALTA Survey of original Convention Center and surrounding area.
- Preliminary site topographic survey for base mapping to be used for design of new Convention Center
- PennDOT right-of-way plans for street reconstruction, vacating of old right-of-ways and creating of new right-of ways.
- Stake-out for construction of new Convention Center.
- Construction monitoring and checks of locations, elevations, and settlement during construction.

**ALCOSAN East Basin** **Project Administrator**  
Allegheny County, Pennsylvania

Scheduling, budget management, data management, and quality assurance for the ALCOSAN Inspection and Hydraulic Analysis of Diversion Structures and Manholes Inspection project.. Located constructed sewer lines and manholes using both conventional and GPS techniques. Maintained field sketches of existing structural conditions and database of survey information in format for use in creating GIS model. This project located over 500 manholes and diversion structures along the Monongahela River and Turtle Creek.

**ALCOSAN South Basin** **Project Administrator**  
Allegheny County, Pennsylvania

Scheduling, budget management, data management, and quality assurance for the ALCOSAN Inspection and Hydraulic Analysis of Diversion Structures and Manholes Inspection project.. Scheduling, budget management, data management, and quality assurance. Located constructed sewer lines and manholes using both conventional and GPS techniques. Maintained field sketches of existing structural conditions and database of survey information in format for use in creating GIS model. This project located over 400 manholes and diversion structures along Saw Mill Run.

**Deckers Creek Sanitary Sewer Line** **Project Administrator**  
Fairmont, West Virginia

Provided oversight for the surveying, design, drafting, and specifications for 19 miles of mainline sewer along Deckers Creek, near Fairmont, West Virginia.

RESUME

**Various Survey Projects****Project Administrator**

City of Pittsburgh, Pennsylvania

Responsible for scheduling, budgeting, and project management for projects including:

- Forward Avenue & Commercial Street. Surveying and mapping for street improvements.
- Crane Avenue. Surveying and mapping for sidewalk improvements.
- Northside Business District Lighting Project. Surveying and mapping of East Ohio Street, Troy Hill, Observation Hill, Brighton Heights, and Brightwood.
- Smallman and 16<sup>th</sup> Streets. Design survey and preparation of base mapping for improvements to handicap ramps.
- Davison/Hanson Property – South Side. ALTA Survey of property along the Monongahela River from South Sixth Street to South Ninth Street.
- Stueben Street & Lorenze Avenue. Topographic and location survey and mapping of features necessary for WSA design.
- Roberto Clemente Park. Surveying, mapping, bathometric survey of Ohio and Allegheny Rivers, ALTA survey, utility coordination, and computer aided drafting and design.
- Bedford Dwellings. Surveying, mapping, utility coordination, computer-aided drafting & design, and ALTA survey.
- East Liberty. Survey and mapping for prospective K-Mart building site, ALTA boundary survey, utility coordination, computer-aided drafting and design.
- Hazelwood Subdivision. Survey and subdivision of properties in the Hazelwood section of Pittsburgh, ALTA survey, computer-aided drafting and design, utility coordination.
- North Shore Parking Garage. Design survey and negotiation of PennDOT right-of-way.
- Commercial Street. Design survey, mapping, utility coordination, and computer-aided design.
- Becks Run Road. Design survey, mapping, and computer-aided design.
- Broad Street. Design survey, mapping and computer-aided design.

**Pittsburgh International Airport****Project Administrator**

Allegheny County, Pennsylvania

Scheduling and budget management for various projects including:

- Location survey of Taxiways S, P, R, E, T, and V. Preliminary topographic surveying for concrete slab replacement for taxiways.
- Asphalt Replacement. Topographical survey of several gates, airside apron shoulders, and local roads; showing location of doors, manholes, drainage inlets, sidewalks, underground utilities, markers, etc. Provided a general layout of concrete slabs.
- Airside Business Park. Location and topographic survey of over 100 acres including subdivision plans and stake-out of lots. ALTA survey and legal descriptions of A1, A2, B2, C, E, and F. Utility investigation.
- Taxiways T and V. Detailed location and topographic surveys for runway and taxiway improvements. Map preparation. Pavement marking and stationing.
- Deicing Facility. Detailed location, topographic surveys, and construction surveys of runways and adjacent gulch and wetlands for runway and taxiway improvements and the installation of a new expanded wide-body deicing facility. Included map preparation, pavement marking and stationing.

**WV Route 2 Widening & Reconstruction****Project Administrator**

West Virginia

Design surveys, mapping, and construction surveys for 2.6 miles of highway. Responsible for contract negotiation with WVDOT, cemetery mapping and grave listings, scheduling, and budget management.

**Pennsylvania Avenue Reconstruction****Project Administrator**

Weirton, West Virginia

Design surveys, mapping, and construction surveys for 1.25 miles of roadway reconstruction. Responsible for contract negotiation with WVDOT, GPS survey coordination, scheduling, and budget management.

**WV Route 208 Routing Study****Project Administrator**

West Virginia

Mapping and centerline stakeout for 8.7 miles of highway.