

Paul J. Neff, PLS

Survey Party Chief

Years Experience: 18

Active Registrations: Professional Land Surveyor—Pennsylvania

Education: Butler County Community College—A.S., Applied Science in Civil Technology
Experienced Wild, Topcon and Trimble Equipment Operator
OSHA Hazmat Training
Certified Troxler Nuclear Densometer Operator

Experience & Qualifications:

Mr. Neff has experience in electronic total station and electronic data collection operations. He is qualified and experienced in the use of GPS for establishing control on large projects. He is proficient with Wild, Trimble and TerraModel Software. In addition to Mr. Neff's surveying experience, he has performed and supervised various groundwater and soil sampling quality control projects.

Representative Projects:

Highway Surveying:

- **Bridge Design Group C—2003.** Allegheny County, PA. Provided topographic and design surveys to assist in the replacement of Little Deer Creek Bridge No. 6, Pine Creek Bridge No. 11, and Boggs Run Bridge No. 1.
- **New York Avenue Bridge Widening.** Rochester, Beaver County, PA. Survey project manager. Work tasks include establishing control; developing a Traffic Control Plan; obtaining profiles and cross sections; locating topographic features and property corners; survey existing railroad tracks; performing existing bridge structure surveys; stakeout of baselines, centerlines, and core boring locations; establishing benchmarks and construction stakeout; setting monumentation; and providing a final right-of-way plan.
- **White Swan Interchange.** Surveying of detailed cross-sections for design and construction.
- **Broadway Avenue / Route 60 Widening.** Mercer County, PA. Responsible for data reduction and quality control of surveying data to be used to prepare detailed computer aided drawings of utilities, topography, property for SAI, Inc. Responsible for control of GPS surveys and downloading and translating GPS data from COORS sites.
- **SR62 Bridge Replacement Survey.** Mercer County, PA. Final design and stake-out surveys for rehab of SR 62 from Ohio Line to SR 60 in Mercer County, Pennsylvania

Property Surveying:

- **Various Mortgage Surveys.** Property and location surveys; data download and deed research for mortgage property transfers in Butler and surrounding counties.
- **Various Subdivision/Septic Design Surveys.** Property, topographical and location surveys; preparation of lot plans, preparation of septic design data in Butler and surrounding counties.
- **Hays Ammunition Plant.** Property, topographic and location surveys; utility investigation and field location; utility location and map preparation.
- **CSX Railroad Property.** Property, topographic and location surveys; utility investigation and field location; and map preparation.
- **Pittsburgh Waterfront Place Reconstruction.** Property, topographic and location surveys; centerlines and cross-sections, benchmark, mapping, utility location of designated properties.
- **AK Steel Butler Works.** Responsible for the stake-out and as-built survey for a Melt Shop Recycle Cooling Water Blowdown System pipeline, including all nearby features, and preparation of data for Computer Aided Drawing of area.

RESUME

Airport Surveying:

Pittsburgh International Airport

- 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. Provide 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.
- Maintenance Areas. Topographic survey to facilitate the design of new maintenance buildings.

Utility and Location Surveying:

- **ALCOSAN Inspection & Hydraulic Analysis of Diversion Structures and Manholes Inspection Program – East Basin.** 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 Inspection & Hydraulic Analysis of Diversion Structures and Manholes Inspection Program – South Basin.** 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.
- **Pittsburgh Mills Retail Site Development.** Construction stakeout and quality assurance surveys for construction of the 220-acre site. Worked on the utility layout and “As-Builts” with this project.
- **3-Rivers Wet Weather Demonstration Project.** Manhole location project in Allegheny County.
- **David L. Lawrence Convention Center.** Involved with 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.
- **South Junction, Routes 70 and 79.** Washington County, Pennsylvania. Aerial mapping checks; aerial mapping control; wetland location.
- **Route 40. Washington Crown Center Mall.** Washington, Pennsylvania. Preliminary topographic survey for road realignment. Stakeout of centerline for new alignment.
- **Forward Ave. & Commercial Street.** Surveying and mapping for street improvements
- **Davison/Hanson Property – South Side.** ALTA Survey of property along the Monongahela River from South Sixth Street to South Ninth Street for Pittsburgh Urban Redevelopment Authority.
- **Stueben Street & Lorenze Avenue.** Topographic and location survey and mapping of features necessary for WSA design.
- **Hazelwood Subdivision.** Property, topographic and location surveys; utility investigation and field location; subdivision preparation, final plats and map preparation for Pittsburgh Urban Redevelopment Authority.
- **Bedford Dwellings.** Property, topographic and location surveys; utility investigation and field location; plans research, test boring surveys, and map preparation for renovation of dwellings.
- **Roberto Clemente Park.** Surveying, mapping, bathometric survey of Ohio and Allegheny Rivers, ALTA survey, utility coordination, computer aided drafting and design.
- **East Liberty Development.** Performed property, topographic and location surveys, utility investigation and field location for Pittsburgh Urban Redevelopment Authority.