

# Michael Novosedliak

## CADD Designer / Draftsman

**Years Experience:** 19

**Education:** Pittsburgh Technical Institute—A.S., Specialized Technology/  
Architectural Drafting  
AutoCAD through release AutoCAD 2006  
Microstation Version through Version 8  
SurvCadd for AutoCAD (DTM Design Package)  
GWN-DTM for Microstation (DTM Design Package)  
Terramodel (DTM Design Package)

### Representative Experience:

**Consol Energy.** Twelve years of experience with coal mines, including conceptual earthwork and building design, final earthwork and building design, permit drawings, and bid drawings.

**Pittsburgh International Airport.** The work performed included making corrections to a set of 28 drawings, and furnishing corrected electronic drawings in Microstation J format, 6 sets of D sized drawings (24"x36") and 6 sets of C sized drawings (18"x24").

**The Highlands.** Ohio County, WV. Phase I Grading and drainage final plans, master plans and earthwork analysis.

**Cabela's at The Highlands.** Ohio County, WV. Conceptual site plans, grading plans, line of sight plans.

**CSX Railroad Right-of-Way (over 1 mile).** Pittsburgh, PA. Map preparation, digital terrain modeling and data processing.

- Established Group Drafting Standard and Department Computer Management.
- Preliminary Design Layouts for Land Development Projects.
- Final Design Layout for Land Development Projects.
- Compiled drawings from various sources to make Project Base Maps.
- Designed and produced Earthwork Construction Drawings for Plant Expansion.
- Interpolated Geologic Sections for Underground storage bunker and position on design drawings.
- Designed preliminary coalmine site layouts.
- Drafted reinforced concrete wall air shaft.
- Designed sanitary storm sewer system, and portable water systems for new developments.
- Architectural, electrical, site and mechanical drafting for new and renovated buildings.
- Used SurvCADD DTM Package to calculate water capacity for several dams.
- Completed boundary and Topographical maps from field survey. Calculated final earthwork cut and fill using DTM Package.
- Piping and electrical drawings for existing power plants.
- Compiled obstruction survey plans for airport.
- Preliminary roadway and parking lot design for retail stores and distribution center.
- Generated cross section from survey information for road improvements.

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