

BRETT W. MILLER

Education

Associate of Occupational Studies in Computer Aided Drafting, Hamilton Technical College - Davenport, Iowa, 1998



Professional Experience

Mr. Miller has 22 years of experience as a designer/drafter in the field of civil and environmental engineering. He has diverse experience in coal combustion residue (CCR) and solid waste management permitting, design, and construction projects. His areas of expertise include any variety of production drafting, as well as civil designs that fit into site specific, real world environments and creating virtual 3D model animations that illustrate the benefits of a design. Brett is proficient in AutoCAD Civil 3D and Autodesk Maya and has an experienced knowledge base of Bentley Microstation.

Design

Zion, Illinois, Zion Landfill No. 2 Expansion. Designed facility layout, leachate collection system floor grades, volume capacities, final buildout, storm water management, conceptual landfill gas, and groundwater monitoring systems. Drafted complete permit application plans.

Baylis, Illinois, Hickory Ridge Landfill Expansion. Designed facility layout, leachate collection system floor grades, volume capacities, final buildout, storm water management, conceptual landfill gas, and groundwater monitoring systems. Drafted complete permit application plans.

Rochelle, Illinois, Orchard Hills Landfill Expansion. Designed facility layout, leachate collection system floor grades, volume capacities, final buildout, storm water management, conceptual landfill gas, and groundwater monitoring systems. Drafted complete permit application plans.

Effingham, Illinois, Crossroads Landfill. Designed facility layout, leachate collection system floor grades, volume capacities, final buildout, storm water management, conceptual landfill gas, and groundwater monitoring systems. Drafted complete permit application plans.

Woodville, California, Woodville Landfill. Drafted cell construction and interim storm water management plans.

Lawrence, Kansas, Lawrence Energy Center. Designed and drafted final buildout and phasing plans for permit application and interim storm water management plans.

Jeffrey, Kansas Jeffrey Energy Center. Designed and drafted phase berm construction plans. Drafted leachate pond modification plans.

Round Lake Park, Illinois, Groot Round Lake Park Transfer Station. Designed conceptual facility layout, and drafted permit application plans and 3D operations animation.

Elk Grove, Illinois, Groot Chicago Transfer Station. Designed conceptual facility layout, and drafted permit application plans and 3D operations animation.

Facility, Illinois, Rumpke Monroe County Resource Recovery. Designed conceptual facility layout, and drafted permit application plans and 3D operation animation.

St. Charles, Illinois, Christopher B. Burke Engineering West, Ltd. Designed and drafted complete plans of commercial and residential development, roadway infrastructure, trails, storm water management, and utility layouts. Calculated earthwork and material quantity estimates.

Dixon, Illinois, Illinois Department of Transportation. Drafted complete plans for Illinois state roadway improvements. Calculated earthwork and material quantity estimates.