



**Michael A. Hansen, P.E.**  
**Project Manager**  
**Years of Experience: 9**  
**Years with Firm: 1**

**Education:**

B.S., Civil Engineering, Southern Illinois University, 2003

**Registration:**

Kentucky – 25382  
Illinois – 062.060194  
Tennessee – 00114711

**Professional Affiliations:**

Tau Beta Pi, Engineering Honor Society

**Key Qualifications:**

Mr. Hansen has been involved in the transportation and civil site plan industries since 2003. He has design experience with transportation and municipal departments in Kentucky, Tennessee, and Illinois. His experience includes highway, site, and utility design, as well as erosion and sediment control plans and drainage design. His involvement includes property research and preliminary plan development through final construction plans. He is proficient in the use of several software packages including MicroStation, InRoads, GEOPAK, HY-8, AutoCAD, Land Development, and Eagle Point.

**Project Experience – Civil Site Development**

- **Dollar General Stores – Kentucky** - Project Manager for over 30 Dollar General Sites located throughout the Commonwealth of Kentucky. Most projects required highway permits, detention analysis, utility design, and coordination with local review agencies. Partial Duties included survey coordination, survey mapping, site plan layout, grading plan, utility plan, erosion and sediment control plan, details and specifications.
- **Mid-Continent University Advantage Project – Paducah, KY** – Project Manager - Mid-Continent University is proposing to construct a 55,148 sq. ft., three story educational complex on approximately 18 acres located in Paducah, KY. Civil Engineering services include site grading and drainage, sight lighting, utility extensions, stormwater management calculations, stormwater pollution prevention plan, project specifications, and local and state permits.



- **WKCTC – Emerging Technology Building – Paducah, KY** – Project Manager for 77,000 sq. ft. classroom building and associated site improvements. Site is located on the WKCTC Paducah Campus. Partial Duties included site plan layout, stormwater management plan, grading plan, utility plans and permits, erosion and sediment control plans, details and specifications. Project also included construction administration.
- **CVS/pharmacy, North Ave @ Grace Street, Lombard, IL** - Project Engineer for the CVS/pharmacy located at North Ave. (IL. Route 64) & Grace Street in Lombard, IL. Partial duties included due diligence and property research, Planning Commission and City Council approvals, Storm water management report per the Dupage County Department of Environmental Concerns (project included floodplain and wetlands), utility design, grading plan, project specifications, off-site striping plan, final permitting, and closing documents.
- **CVS/pharmacy, Roosevelt Road @ Blanchard Street, Wheaton, IL** - Project Engineer for the CVS/pharmacy located at Roosevelt Road. (IL. Route 38) & Blanchard Street in Wheaton, IL. Partial duties included due diligence and property research, Planning Commission and City Council approvals, Storm water management report per the Dupage County Department of Environmental Concerns, utility design, grading plan, project specifications, final permitting, and closing documents.
- **McDonald’s Development, Geneva Street, Delavan, WI** - Project Engineer for a 30,000 sf parking lot expansion associated with the McDonalds restaurant at Geneva Street (State Highway 50) in Delavan, WI. Partial duties included Planning Commission and City Council approvals, site layout plan, grading plan, details, and final permitting.

#### **Project Experience – Transportation**

- **Interstate 69, Obion County, TN** – Project Engineer for 4.6 miles of Interstate Design from 0.2 miles south of SR 21 to 0.2 miles south of U.S. Highway 51 with one grade separated interchange at State Route 21.
- **Division St. & Farrell Road, Lockport, Will County, IL** – Prepared Intersection Design Study and Construction Documents for a proposed signalized intersection at the newly construction CVS/pharmacy in Lockport, IL. The plans were designed per IDOT requirements.
- **Happy Hollow Drive, McCracken County, KY** – Prepared construction drawings and specifications for replacement of failed 72” CMP culvert. Partial width construction was utilized to maintain access to existing subdivision at all times. Coordination with local utility companies was required. Project also included construction observation and testing.
- **Interstate 24, Massac County, IL** – Assisted in the preparation of plans, quantities, and field work for a 16 mile Interstate 24 improvement plan located in Massac County, IL. Project mainly consisted of grade and drain improvements.
- **Eich Lane, McCracken County, KY** – Prepared construction drawings and specifications for grade and drain improvements to Eich Lane located in McCracken County, KY. The project consisted of raising the grade of Eich Lane approximately three feet to accommodate new larger culverts. An intense hydraulic study was completed to review current drainage issues and make recommendations for improvement.

#### **Project Experience – Water and Wastewater**

- **Sanitary Sewer System Improvements, City of Clinton, KY** - Project Manager for the rehabilitation of over 40,000 lf of sanitary sewer located within the city limits of Clinton, KY. Rehabilitation methods included cured in place pipe, open cut repairs, manhole rehabilitation and pipe bursting. Project duties included survey coordination, coordination of the camera inspection crew, plan and profile drawings, survey mapping of the entire City of Clinton, KY, lift station design, Kentucky Division of Water permits, specifications, and coordination with CDBG and USDA to procure funding.



- **Water and Sewer Extensions – Cherokee State Park, Aurora, KY** - Project Manager for the extension of over 5,000 lf of sanitary sewer and waterline for Cherokee State Park, located in Aurora, KY. Project included three separate sanitary lift station designs. Project duties included hydraulic calculations, lift station design, specifications, Plan and Profiles, details, and contract documents.
- **Valuation of City's Water System, City of Clinton, KY** - Prepared study and assessment of the City of Clinton's water system to determine the Fair Market Value of the system and to determine if purchasing the system would be a feasible option for the City. The study also reviewed the existing conditions of the system and reviewed any compliance issues with the applicable permitting agencies. A non-biased opinion was presented to the City at a monthly council meeting.
- **Sanitary Sewer Improvements, Thorndale Road @ Hillington Drive, McCracken Co., KY** - Project Manager for the design and construction of approximately 200' of 8" sanitary sewer, located in McCracken Co. near Lone Oak, KY. The project helped eliminate sewer overflows during times of heavy infiltration. Project Duties included survey coordination, plan and profile drawings, specifications, details, contract documents and construction administration. This project was performed for the Paducah – McCracken County Joint Sewer Agency.