

Shawn Circle / Kohler Lane Improvements

MENOMONEE FALLS, WISCONSIN

Project involved the development of a 54+ acre vacant brownfield site to accommodate the First Park Menomonee Falls Distribution Center. A major component of the development included the construction of 3,500 linear feet of public roadway, and the installation of a signalized intersection. Sigma prepared design plans for the roadway improvements including horizontal and vertical curve design, pavement design, intersection design, erosion control, storm water management, grading, plan/profiles, cross sections, signage, utility plans, and marking and traffic control plans. The plans were prepared using AutoCAD Civil 3D. The 3D computer model was used for design evaluation, quantity takeoffs and to automate many aspects of the plan production work.

Services provided by Sigma include:

- Field survey
- Land Division Survey Mapping
- Utility Coordination
- Agency Coordination
- Wetland Delineation
- Wetland Mitigation
- Construction Engineering
- Material Testing
- Erosion Control Plans
- Traffic Control Plans
- Signalization Design
- Geometry Plan
- Storm Sewer Tables
- Pavement Marking Plans
- Plan/Profile Plans
- Typical Sections/Details
- Road Cross Sections
- Quantity Takeoffs
- Cost Estimates
- Record Drawings