



## FAWN RIVER CROSSING WATER & WASTEWATER IMPROVEMENTS

LaGrange County, Indiana

The Board of Commissioners of the County of LaGrange wanted to encourage economic development and growth at the intersection of the Indiana Toll Road (I-80 and I-90) and Indiana State Road 9 in northern LaGrange County. The area is occupied by several RV manufacturers along with a gas station, several hotels, a warehouse facility, a convenience store and a restaurant. These properties were previously served by private wells and septic systems.

LaGrange County was a recipient of Major Moves money that was made available from the leasing of the Indiana Toll Road to promote economic development through infrastructure improvements. The Board of Commissioners of the County of LaGrange decided to use a portion of this money to promote growth at the Toll Road and State Road 9 interchange. One special aspect of the project was the decision to partner with the City of Sturgis, Michigan, to treat the collected wastewater from the area.

Another special aspect of this project was the integration of a Comprehensive Plan the County developed for the area, which placed special aesthetic restrictions on the buildings and properties bordering the Toll Road. For example, the Plan required that all buildings face the Toll Road and no chain link fences would be allowed without a special waiver.

Wessler prepared a Preliminary Engineering Study to determine the water and wastewater flows expected from the area over a 20-year planning period. Once flows were determined and agreed upon, the design of a 800-gallon per minute (gpm) water treatment plant, a 500,000-gallon elevated water storage tank, water distribution system, and a sanitary sewer collection system began. In order to make the water treatment plant blend

into the area, the treatment plant building and well houses were designed with red barn facades.



All phases of the project were completed, and the new water treatment plant went online in the spring of 2010. Construction Cost: \$4,400,000.

For help with your next project or information on water system evaluations and solutions, please contact Jeff Peters at [JeffP@wesslerengineering.com](mailto:JeffP@wesslerengineering.com) or visit us online.



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