

## EXPERIENCE – REFERENCE PROJECTS

<b>State:</b>	Kentucky
<b>Agency / Client:</b>	J. Todd Inman – State Farm Insurance Company
<b>Project and/or Route Name:</b>	<b><u>State Farm Insurance Development – Owensboro, KY</u></b>
<b>Dates:</b>	2005
<b>Type of Improvement:</b>	Site Development and Drainage Study
<b>Firm's Project Manager:</b>	Tony Huff, PE – THA Engineering Solutions

### The Problem

When State Farm Insurance Company looked to relocate its office to the corner of J.R. Miller and 14th Street, they needed help to formulate their site layout and drainage plan together. The initial effort was to provide plans for submittal to OMPC to secure permits for construction of the office building and associated paved parking area.

### Engineering Solutions

THA Engineering was hired to do the following:

1. Prepare a Site Development Plan for Permit submittal to Owensboro Metropolitan Planning & Zoning (OMPC).
2. Prepare Drainage Study for submittal to Owensboro City Engineer to determine need for on-site storm water Retention.



After the site survey was completed by Simmons Surveying, THA designed the parking, access and landscaping to meet OMPC Requirements.

THA also performed a drainage study for the project, making specific consideration of the numerous buildings and impervious and semi-pervious areas that were present at time of property purchase. These were deemed Pre-Development Conditions.

It was determined that Post-Development conditions vs. Pre-Development conditions did not significantly increase surface water runoff and, therefore did not warrant on-site drainage retention.