

EXPERIENCE – REFERENCE PROJECTS

State:	Kentucky
Agency / Client	R.B.S. Design Group / for Terry Woodward
Project and/or Route Name:	<u>Parking Area for Barrett-Fisher Property – Owensboro, KY</u>
Dates:	2004
Type of Improvement:	New Parking Area and Drainage Study
Firm's Project Manager:	Tony Huff, PE – THA Engineering Solutions

The Problem

Along with the renovation of the old Barrett-Fisher Building, there came a need for new adequate parking. Located in downtown Owensboro, site drainage and potential impacts to the combined sewer system were a concern to the Owner and the City Engineering staff. THA Engineering was asked to develop a site plan for submittal to OMPC along with a drainage study to determine need for on-site storm water retention.



The Assessment

Close proximity to the river was a key element to determine that on-site retention was not warranted.

Engineering Solutions

The Owner made specific request that landscaping beds be worked into the design to enhance the aesthetic appeal of the parking area. THA coordinated with Owensboro Metropolitan Planning Commission (OMPC), the Sanitation Dept., and City of Owensboro Engineering staff to develop a site plan meeting all criteria.

THA Engineering developed a drainage plan to divert roof drainage along with most of the parking area surface runoff to Crittenden Street and, thus directly to the Ohio River, thus avoiding the need for and eye-sore of on-site retention. Net drainage to 2nd Street was not increased by this project.