

**Client**  
Lowé's Corporation

**Client Contact**  
Mr. Steve Younger  
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**Giffels Webster Contact**  
Matt Schwanitz  
Partner

**Completion Date**  
2010

**Services Provided**  
Civil Engineering  
Surveying  
Planning



Giffels Webster provided professional planning, engineering, and entitlement acquisition services for Lowé's in Lenoir City, Tennessee. The Lowé's store is an anchor for large upscale mixed-use development. The project required a large degree of coordination between the developer, developer's engineer, Lenoir City, Giffels Webster, and Lowé's to develop this project. The Lowé's portion of the development was located near protected wetlands, buffers, and waterways which required significant on-site fill and a retaining wall to make the site developable.

Giffels Webster worked with the developer's engineer to balance the mass grading for Lowé's construction while preserving the overall earth balance of the entire development. Utilizing cutting edge technology in site grading, Giffels Webster was able to design a grading plan that achieved an earthwork balance, thus saving the client millions of dollars in unnecessary development costs. Several additional challenging elements presented themselves during the design process which included multiple sediment control phasing plans, retaining wall coordination, and educating community leaders on-site sustainability. With a reduction of the site footprint, the project meets the community's expectations while controlling Lowé's construction costs.