Project Name: Georgia Southwestern State University Bridge to Golf Course Concept

Location: 800 Georgia Southwestern State University Drive

Description: Locate an appropriate spot to put a bridge connecting the GSW campus and the adjacent golf course. Create a conceptual design for a bridge that is pedestrian friendly and easy to get heavy maintenance equipment across.

Archway Contact: Barbara Grogan, Archway Professional
Archway Partnership

Community Contacts: Dr. Kendall Blanchard, President
Georgia Southwestern State University

Date Of Initial Site Visit: July 2009

Students Assigned: Christopher Scott Thornton
Amanda Inez Thornton

Final Products: Site analysis, bridge location plan and perspective.

Date Delivered: August 2009
analysis description:

Labeled here are 5 locations researched for the bridge to cross. Ultimately, location #4 was chosen because it was the most direct path to the existing maintenance shed on the golf course and to the club house. Plus, crossing here would create the least disruption on the course. Also, it is one of the only places where the elevation was relatively high on both sides, therefore the bridge would not have to be so large. Location #1 was ruled out because it ended up being too close to the property line and too far away from the club house. Location #2 and #3 were ruled out because they would disrupt the course too much and the elevation was so low the bridge would be massive. Location #5 was ruled out simply because in order to get to the club house one would have to cross three fairways and it was too far from the club house as well.
The intent of this bridge is to connect the campus with the golf course for pedestrian and maintenance purposes. This access point will create a safe four-way stop, slow traffic on Perimeter Road and define the bridge entrance. This access point is also in close proximity to the existing maintenance shed, the Oaks dormitories, the library and a large parking lot. To meet a 22’ clearance minimum above the rail road tracks, the access road is proposed to be 400’ long at a 4% gradient. On the golf course side, a tunnel under the road is proposed to maintain current cart route. Once on the golf course side, the road width is reduced from 24’ to 18’ with the walking path remaining the same.