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Architect: HDR Architects

Application: Safety and Security

Subsection: Railing

Location: Columbia, SC

Market Segment: Education

DESCRIPTION

For years, the University of South Carolina in Columbia, S.C., had a traffic issue. Students would have to cross train tracks back and forth from campus and practice, which was becoming unsafe and causing students to be late or miss class entirely. A plan emerged to connect the Colonial Life Arena with the nearby streets by way of a bridge designed for pedestrians, bicycles, and vehicles. It would eliminate the need for a railroad crossing and open up the area for those needing a more direct and efficient walk to classes or events.

One goal was to protect pedestrians and bicyclists from the intense South Carolina sun, while also ensuring their safety. Stainless steel metal fabric became the material of choice for the bridge due to its durability and permanence, recyclability, and low-maintenance qualities. Combining GKD's Capella and Delta 16 metal fabrics was ideal for sun shading and providing the required safety and security.





