



SkyBridge at Boyne Mountain Resort: A Bold Fusion of Design, Innovation, and Adventure

Boyne Mountain Resort's SkyBridge combines breathtaking views, cutting-edge design, and a thrilling glass-floored experience, redefining adventure in the heart of northern Michigan.

Owner:

Boyne Resorts

Designer & Builder:

Experiential Resources (ERi)

Photo Credit:

Experiential Resources (ERi)

Products:

GlassWalk™ Structural Floor

Opportunity

Boyne Mountain Resort sought to enhance the visitor experience with a thrilling, visually stunning feature. They wanted to create the world's longest timber-towered suspension bridge, spanning 1,200 feet above the Boyne Valley, offering breathtaking panoramic views of the surrounding landscape. A unique challenge was to incorporate a section of glass flooring halfway across the bridge, providing an exhilarating experience while ensuring safety and durability in northern Michigan's harsh climate. The bridge was envisioned as both an architectural marvel and an immersive experience, drawing attention from tourists and outdoor enthusiasts alike.

Solution

GBA Architectural Products was tasked with delivering a structural glass flooring system capable of withstanding both the elements and the stresses of a suspension bridge. The solution was a three-ply, laminated glass system with custom-coated steel supports, designed to endure the region's extreme weather. Additionally, the glass panels were divided into six-foot sections to allow for flexibility, ensuring the bridge could sway without compromising safety or functionality. This innovative design brought together engineering, manufacturing, and aesthetic considerations to meet the project's goals.

[View](#) more Boyne Mountain Resort SkyBridge photos in our website gallery.



Outcome

The SkyBridge at Boyne Mountain Resort opened as an awe-inspiring destination, attracting visitors with its unique design and thrilling glass floor. The collaboration between GBA and Experiential Resources resulted in a flawless execution, praised for both its beauty and engineering. The project not only elevated the resort's appeal but also solidified GBA's reputation as an industry leader in architectural glass solutions. The SkyBridge continues to provide guests with an unforgettable experience, combining nature, adventure, and cutting-edge design.



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