

Case Western Reserve University Pedestrian Bridge

Cleveland, OH

Type: **Curved Suspension**

Services: **Conceptual Design,
Community Participation, and
Architectural Visualizations**

Cost: **\$7 million**

Completion Date: **N/A**

Client: **Case Western Reserve University
10900 Euclid Avenue
Cleveland, OH 44106**

The new pedestrian link connecting the Central and future West Campus of Case Western Reserve University will consist of a unique single cable suspension bridge that follows an S-shape alignment. This type of configuration allows for a smooth integration of the bridge with its east and west landings. The pedestrian and bicyclist experience is dynamic and exciting because of the inherent changes in the bridge shape and views along the crossing. The curvilinear alignment allows the bridge to be supported from only one side with a suspension cable system accommodating the loads with an elegant steel box, giving the bridge a light appearance. The bridge appears to float over the landscape. The structure requires two towers to be placed on opposite sides of Rockefeller Park, avoiding conflicts with the adjacent roadways and Doan Brook.

