

## Bridge of Silicon Valley

This bridge connects the east and west areas. It is made up of an inner bridge and an outer shell. The shell is a steel frame covered with translucent solar glass. A spiral roller coaster track is set on the shell and it can shuttle passengers from the east and west areas. Both sides of the roller coaster track are a mantle wall composed of friction generating fabric. It can capture the wind into electricity. The fresh wind in the Bay Area will give life to the wall so that it can float with the wind. The dancing wall can prevent the birds fly too close.

On either side of the inner bridge is a guardrail made up of 300 transparent displays. Through the displays, tourists on the bridge can video chat with randomly selected people from all over the world, or upload their own photos and videos and show them to others. The bridge can also be used as a digital gallery to showcase and share people's artistic creations. The optical fibers in the mantle wall at night will emit soft colorful light.