



GATLINBURG SKYBRIDGE

THE LONGEST SIMPLE SUSPENSION BRIDGE IN THE WESTERN HEMISPHERE

CLIENT & LOCATION

Gatlinburg SkyPark,
Gatlinburg, Tennessee, USA

CONSTRUCTION TIME FRAME

June 2018 - April 2019

COMMISSIONED

2019

LENGTH OF BRIDGE

680 ft / 207 m portal to portal

DECK WIDTH

5 ft / 1.5 m

LENGTH OF INSTALLED GLASS

30 ft / 9 m total
(additional glass installed 2020)

DECK HEIGHT ABOVE GROUND

150 ft / 46 m at highest point

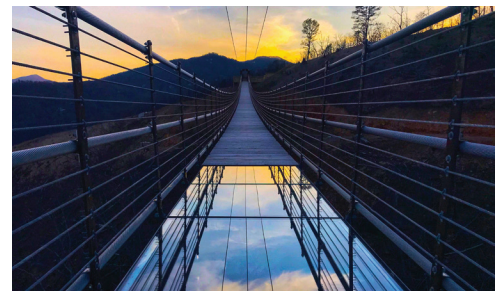
MATERIALS

A588 Weathering Steel, Rough
Cut Cedar, Galvanized
Steel Cables, Structural Glass



STORY

The Gatlinburg SkyLift has been one of the most popular attractions in Gatlinburg since the scenic chairlift opened in 1954. The addition of the SkyBridge in 2019 has only increased the attraction's popularity, with over 1.2 million guests visiting the SkyBridge in its first year alone. Winner of the 2019 Tennessee Attraction of the Year award, the SkyBridge sits over 500 ft/152 m above downtown Gatlinburg. The six main cables are 2 in/5 cm structural strand, with an additional ten 3/8 in/1 cm galvanized steel railing cables. The bridge foundations have over 1 million pounds of concrete, and the micropiles reach as deep as 94 ft/27 m into the earth. The SkyBridge provides stunning views of the surrounding mountains, connecting families to nature with an adventure suitable for all ages. The SkyBridge is also the setting of choice for countless marriage proposals and weddings, and has already become a Smoky Mountain institution.



DESIGNER / BUILDER

Experiential Resources (ERi)

STRUCTURAL ENGINEER

K2 Engineering

PEER REVIEW ENGINEER

Troy Garland, P.E., S.E.

GEOTECHNICAL ENGINEER

Engineering & Testing Solutions

SURVEYOR

The Land Surveyors

MICROPILE ENGINEER

Hayward Baker (Keller)

GENERAL CONTRACTOR

MCW Construction

OWNER

Gatlinburg SkyPark

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