

Smithfield Street Bridge



The **Smithfield Street Bridge** is a lenticular [truss bridge](#) crossing the [Monongahela River](#) in [Pittsburgh](#), [Pennsylvania](#), [USA](#).

The bridge was designed by [Gustav Lindenthal](#), the engineer who later designed the [Hell Gate Bridge](#) in New York City. The Smithfield Street Bridge was built between 1881 and 1883, opening for traffic on March 19, 1883. ^{[\[citation needed\]](#)} It was widened in 1889 and widened again in 1911. The bridge has been designated a [National Historic Civil Engineering Landmark](#), a [National Historic Landmark](#), and has a Historic Landmark Plaque from the [Pittsburgh History and Landmarks Foundation](#).

History

- The Smithfield Street Bridge is a double-decked arch bridge in Pittsburgh, Pennsylvania. It was built in 1883 to carry the Pennsylvania Railroad over the Allegheny River.

Smithfield Street Bridge, Pittsburgh

- The bridge was designed by Gustav Lindenthal and built by the American Bridge Company. Construction began in 1881 and was completed in 1883.
- The bridge was originally intended to be a single-deck bridge, but it was later decided to make it a double-deck bridge to accommodate more traffic.

Construction

- The Smithfield Street Bridge is made of steel and concrete. The steel arches are made of riveted wrought iron, and the concrete deck is supported by steel girders.
- The bridge is 1,476 feet (449 m) long and 105 feet (32 m) high.
- The bridge has two decks, the upper deck carries vehicular traffic and the lower deck carries pedestrian traffic.

Design

- The Smithfield Street Bridge is a graceful and elegant structure. The arches are graceful and slender, and the bridge blends in with the natural landscape.
- The design of the bridge was inspired by the surrounding bridges in Europe. The arches are similar to the arches of the Pont Neuf in Paris, and the bridge resembles a waterfall.
- The Smithfield Street Bridge is a National Historic Landmark and a Pittsburgh landmark. It is one of the most iconic bridges in Pittsburgh and is a popular tourist destination.

Here are some additional details about the Smithfield Street Bridge:

- The bridge is open to vehicular traffic and pedestrian traffic.
- The bridge offers stunning views of the Allegheny River and the city of Pittsburgh.
- The bridge is a popular spot for photography and sightseeing.
- The Smithfield Street Bridge is a vital transportation link in Pittsburgh.