

Eads Bridge

University of Missouri Press - Eads Bridge

Description: -



-
 Christian ethics in literature.
 Moral conditions in literature.
 Mythology, Classical, in literature.
 Didactic fiction, American -- History and criticism
 Faust, d. ca. 1540 -- Legends -- History and criticism
 Oates, Joyce Carol, 1938-- Ethics.
 Law offices -- Denmark.
 Lawyers -- Denmark.
 Law -- Denmark.
 Shaw, Charles Henry Cornelius, 1845-1918.
 Shorthand.
 Civilization, Western.
 Twentieth century -- Forecasts.
 Art, Modern -- 20th century.
 Philosophy, Modern -- 20th century.
 Civilization, Modern -- 20th century.
 Saint Louis (Mo.) -- Buildings, structures, etc.
 Bridges -- Missouri -- Saint Louis.
 Eads, James Buchanan, 1820-1887.Eads Bridge
 -Eads Bridge
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James Buchanan Eads, 1820

The scientific approach consisted of having fourteen locomotives, weighing more than 550 tons, drive back and forth across the bridge while a team of inspectors measured the bending of the arches under the load.

Historic Eads Bridge Rehabilitated After Decades of Use

Eads Bridge is named for its designer, James Bucannon Eads 1820 — 1887. Currently, the Metrolink System uses the rail deck of the bridge. This unprecedented accomplishment was met with much praise for Eads, for whom the bridge was named.

Historic Eads Bridge Rehabilitated After Decades of Use

. The caissons were built by the former partner of Eads, and included pieces cut from the salvaged U. However, a number of requirements were put in place.

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Eads made his initial fortune in by creating a , using a 40 33 ; 150 wine barrel to retrieve goods sunk in disasters.

Eads Bridge

The Maria Pia Bridge features a two-hinge arch with a 525 foot span. The development of navigable channels at the mouth of the Mississippi River made Eads famous. Everyone knew that elephants had an uncanny instinct and would not set foot on an unsound bridge.

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Eads would eventually become ill, and resign his position. Eads won the contract; he built the boats from the designs Washington sent; and he also adapted one of his salvage boats into a war vessel. By September, he had 1,500 men at work.

A Cache of Drawings Reveal the Secrets of the Eads Bridge

So began Eads' education as an engineer. You can walk or drive a car across the Eads Bridge for free, but as you might expect, there is a cost to ride the Metrolink.

EADS BRIDGE

These would be set onto stone piers founded on bedrock. A flood in 1890 brought calls for a similar system for the entire Mississippi Valley.

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