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Books

Additional Resources in MSEL Eads Bridge

Title: Rails across the Mississippi: a history of the St. Louis bridge / Robert W. Jackson.

MSEL Call Number Eisenhower Stacks TG25.M6 J33 2001

Title: The Eads Bridge / text by Howard S. Miller; photographs by Quinta Scott.

MSEL Call Number Eisenhower Stacks TG25.S15 S36 1999

Title: Rising tide: the great Mississippi flood of 1927 and how it changed America / John M. Barry.

MSEL Call Number Eisenhower Stacks F354 .B47 1997

Title: The Eads Bridge / photographic essay by Quinta Scott; historical appraisal by Howard S. Miller.

MSEL Call Number Libraries Service Center TG25.S15 S361 1979

Title: Road to the sea; the story of James B. Eads and the Mississippi River.

MSEL Call Number Libraries Service Center E 664.E3 D7 1947

Title: A history of the St. Louis bridge/ Woodward, C. M. (Calvin Milton

MSEL Call Number Libraries Service Center TG25.S15 W9

Tips on finding these and more books on structures in the MSEL.

<http://www.library.jhu.edu/researchhelp/engr/structures/books.html>

Journal Articles

Title: Eads bridge strength and safety indorsed by engineers

In: Engineering News Record

Volume: v 100 Issue: n 26 June 28 1928

Pages: p 1009-1010

Abstract: Steel unimpaired after 54 years service and stresses from maximum modern loads are within designed stresses; safety of famous arch bridge, built in 1874, questioned last year, has been indorsed by engineering board of investigation.

MSEL Call Number Gilman Stacks TA1.E63

Database: Compendex

Title: The creeping of rails on the Eads Bridge, St. Louis

In: Scientific American

Issue date: March 24 1900

Abstract: Letter from N. W. Eayrs, the superintendent of the structure, concerning the amount of rail creeping and means adopted to accommodate it. (700 w.)

MSEL Call Number Gilman Stacks Q1.S4

Database: Compendex

Title: Welded highway deck cuts dead load on Eads bridge

In: Engineering News-Record

Volume: v 140 Issue: n 2 Jan 8 1948

Pages: 88-91

Abstract: Replacement of timber highway deck of Eads bridge at St Louis, Mo, by welded deck of steel grating filled with light weight concrete, on floor system of wide flange beams; advantages of new deck are lessened deadload, improved gradients for vehicular traffic and increased vertical clearance for railroad tracks on lower deck.

MSEL Call Number Gilman Stacks TA1.E63

Database: Compendex

Title: Steel and concrete deck replaces timber roadway on Eads bridge

In: Civil Engineering (New York)

Volume: v 17 Issue: n 7 July 1947

Pages: p 36-38

Abstract: Wrought iron floor beams of 73-yr-old bridge over Mississippi River at St. Louis, Mo, were replaced by steel girders while steel decking and concrete were substituted for timber decking; illustrated description.

MSEL Call Number Libraries Service Center TA1.C59

Database: Compendex

Title: Some features of Mississippi bridges

In: Civil Engineering (New York)

Volume: v 6 Issue: n 6 June 1936

Pages: p 369-373

Abstract: Progress in design and construction of steel-truss and steel-arch bridges as exemplified by 11 great bridges over Mississippi River between St. Louis and Gulf of Mexico; progressive deterioration of foundation conditions; increasing demands of navigation toward Gulf; history of Eads Bridge; New Orleans Bridge. (See also - discussion n 8 Aug 1936 p 529)

MSEL Call Number Libraries Service Center TA1.C59

Database: Compendex

Title: Eads bridge, 1864-74, St. Louis, Mo.

In: Progressive architecture 1957 Apr., v. 38, p. 139-142.

MSEL Call Number Libraries Service Center NA1.P7

Database: Avery Index to Architecture

Tips for finding these articles and more journal articles like these.

<http://www.library.jhu.edu/researchhelp/engr/structures/journalarticles.html>