

عنوان مقاله:

A Comparison Study of Seismic Design of Highway Bridges Using AASHTO Standard Specifications and Proposed NCHRP Provisions

محل انتشار:

ششمین کنفرانس بین المللی مهندسی عمران (سال: ۱۳۸۲)

تعداد صفحات اصل مقاله: ۸

نویسندگان:

.B. Emami - Department of Civil Engineering, Southern Illinois University Edwardsville, Edwardsville, IL, USA

.D.L. Siegfried - Department of Structural Engineering, Horner & Shifrin, Inc., MO, USA

.N. Panahshahi - Department of Civil Engineering, Southern Illinois University Edwardsville, Edwardsville, IL, USA

خلاصه مقاله:

Damage to bridges in recent earthquakes demonstrates the weaknesses of current provisions. To address these weaknesses, in ۱۹۹۸, the American Association for State Highway and Transportation Officials (AASHTO) sponsored the National Cooperative Highway Research Program (NCHRP) Project ۱۲-۴۹: Comprehensive Specifications for the Seismic Design of Bridges for incorporation in the proposed new AASHTO LRFD Bridge Design Standard Specification. This paper presents a comparison study of current seismic design versus the new provisions for a five span bridge, located in a moderate seismic hazard zone in the United States

کلمات کلیدی:

Bridge, Structural Engineering, Earthquake, Seismic, NCHRP ۱۲-۴۹

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/۱۰۸۶/>