

عنوان مقاله:

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

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خلاصه مقاله:

Damage to bridges in recent earthquakes demonstrates the weaknesses of current provisions. To address these weaknesses, in 1998, the American Association for State Highway and Transportation Officials (AASHTO) sponsored the National Cooperative Highway Research Program (NCHRP) Project 12-49: 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 12-49

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