

EVALUATION OF ALLOWABLE LOADS ON A BRIDGE IN ACCORDANCE WITH AASHTO - LRFD 1998

EVALUATION OF ALLOWABLE LOADS ON A BRIDGE IN ACCORDANCE WITH AASHTO - LRFD 1998

Tác giả: Cao Văn Lâm,

Tóm tắt bằng tiếng Việt:

The quality of bridges in Vietnam is topical concern, when the maximum unrestricted legal loads or State routine permit loads exceed the allowable, the bridge must be posted or restricted. This paper provides an overview of the requirements of load rating bridges; the basic concept of structural reliability used in calibration of the Load and Resistance Factor Design (LRFD) and Rating (LRFR) method in according with AASHTO – LRFR. The quality of bridges in Vietnam is topical concern, when the maximum unrestricted legal loads or State routine permit loads exceed the allowable, the bridge must be posted or restricted. This paper provides an overview of the requirements of load rating bridges; the basic concept of structural reliability used in calibration of the Load and Resistance Factor Design (LRFD) and Rating (LRFR) method in according with AASHTO – LRFR. The quality of bridges in Vietnam is topical concern, when the maximum unrestricted legal loads or State routine permit loads exceed the allowable, the bridge must be posted or restricted.

Từ khóa: Reliability index; Inventory Level; Legal Load Rating; Permit Load Rating; Design Load tests: Bridge Rating

Tóm tắt bằng tiếng Anh:

The quality of bridges in Vietnam causes topical concern. When the maximum unrestricted legal loads or State routine permit loads exceed the allowable limit, the bridge must be posted or restricted. This paper provides an overview of the requirements of load rating bridges, the basic concept of structural reliability used in calibration of the Load and Resistance Factor Design (LRFD) and Rating (LRFR) method in accordance with AASHTO – LRFR.

Key words: Reliability index; Inventory Level; Legal Load Rating; Permit Load Rating; Design Load tests: Bridge Rating