

Evaluation Method of Seismic Performance for RC Viaducts with Columns of Shear Failure Mode

Yuki NAKATA Toshiya TADOKORO Masaru OKAMOTO Yoshitaka MURONO

It is often difficult to conduct seismic retrofitting of all columns in RC viaducts by restriction of construction. In such a case, it is necessary to conduct verification of seismic performance taking no retrofitting columns of the shear failure mode into consideration. However there are few studies on the evaluation method of seismic performance for RC viaducts with columns of the shear failure mode. In this study, an evaluation method of seismic performance was proposed for such a viaduct.