

**Seismic Retrofit with Band-Shaped Steel Plate and Prestressing Bar for Terminations of Longitudinal Bars of Reinforced Concrete Pier**

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The damage at terminations of longitudinal bars of reinforced concrete pier have often occurred in the past large-scale earthquake. Seismic retrofit for the terminations is necessary because the failure at them is caused by their brittleness. For the piers in the river it is also important that the increase of section length by the seismic retrofit is restrained. This study developed a seismic retrofit technique with band-shaped steel plate and prestressing bar for the terminations. This method is characterized by relatively easy construction and small increase in cross section. This paper verifies the effect of the method by experiments and proposes a method of seismic retrofit design.