

**A Trial Design of Spread Foundations Applying a New Design Code and
a Comparative Design between the New and Current Design Code**

Keita ABE Ayako ANZAI Hidetoshi NISHIOKA

The design standard for railway foundations, currently based on the limit-state design method is under revision as performance based design method in near future. In this report, we have presented the trial design of spread foundations applying the new design code and difference between the results according to new and current design codes. We carried out the seismic performance verification of two wall-type pier with different heights, which have sufficient bearing capacity during normal conditions, using criterion values for restoration and safety performance, i.e., L1 and L2 seismic spectrum II. Consequently, we confirmed that it is possible to make justifiable designs based on the new design code.