

Recent Trends on Railway Foundation Design Technology

Masayuki KODA

A Committee was established in 2005 for Railway Foundations Design Standards and Retaining Structures Design Standards (Chairman Prof. Osamu KUSAKABE, Tokyo Institute of Technology, Co-chairman Prof. Junichi KOSEKI, Tokyo University) to prepare “Railway Foundation Design Standards and Commentary Revision” and obtained a revised version in the last committee in July 2008. The revised portion was “an introduction of performance based design”, “design model revision concerning the modulus of subgrade reaction”, and “an introduction of new materials and construction methods”. This paper discusses the recent trends on railway foundation design technology, principally revised content for the committee revision version.