

The Latest Achievements and Future Theme of Research and Development on Structural Technology

Shinji KONISHI

Structures Technology Division has been researching and developing a practicable technology for design and maintenance of railway structures. Recently, the principal objectives of the activity are to introduce the performance-based design method into design standards, improvement of earthquake-resistant design, seismic retrofitting, maintenance, and environmental technologies, and reducing construction costs.

This paper describes the latest achievement and future themes of our research and development with several examples.