

Design Standard and Commentary for Railway Structures (Concrete Structures)
Outline of “Part IV: Bearing Structures”

Manabu IKEDA Toshiya TADOKORO
Shuntaro TODOROKI Akihiro TOYOOKA

This paper outlines the Design Standard and Commentary for Railway Structures (Concrete Structures) “Part IV: Bearing Structures”. Every technology related to the design of bearing structures in railway bridges is summarized in this part, which has been described in several related design standards. This part provides common design methods for bearing structures, and specific design methods for three typical bearing structures: (a) rubber bearings and stoppers, (b) steel bearings, and (c) bearings for horizontal force dispersing structures and isolation structures. This paper introduces the outline of each chapter of this part and revisions from related design standards.