

Trial Design of the Bearing Applying the Revised Standard for Railway Concrete Structures

Ryo SUZUKI Shuntaro TODOROKI

Yuki NAKATA Ken WATANABE

Based on previous research, the formulas and values in the Design Standard and Commentary for Railway Structures (Concrete Structures) have been revised. In this report, we compare bearing designed based on the revised standard (published in 2023) with those designed based on the current standard (published in 2004). Consequently, this comparison reveals the influence of the updating formulas on the strength of the embedded part of stopper at girder and of the revision of the design value on concrete shrinkage and creep, durability, etc.