

**The Design Method of the Continuous Composite Girders that Takes into Consideration
Crack Formation of Concrete Slab**

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The continuous composite girders have been frequently used for railway bridges. The examination of the design technique has not been carried out so much, and this technique has not been unified standardized yet. In this study, when the tension stiffening analysis is used for the design calculation of continuous composite girders, the design technique is compared with the technique which does not use this analysis. Two types of girder having different span constitution are used as models for design calculation. The validity of application of the tension stiffening analysis to design of steel girder and concrete slab has been confirmed by the design calculation.