

## **Method of Inspecting Gap between Track Slab and CA-Mortar by Portable FWD Test and Hammering Test**

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In some slab tracks, gaps occurred at the boundary between the track slab and CA-mortar. If the gap widens, a risk of cracking in the track slab increases. A portable FWD test and a hammering test were performed on a full scale slab track model and the method of evaluating the gap were examined. Based on the results of the examination, we carried out a field test on a slab track of a service line. As the result, it was confirmed that the existence of the gap can be easily evaluated by the portable FWD test, and that the area of the gap can be evaluated in detail by the hammering test.