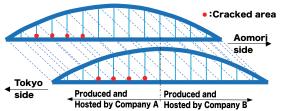
Repair Measures for Existing Bridges

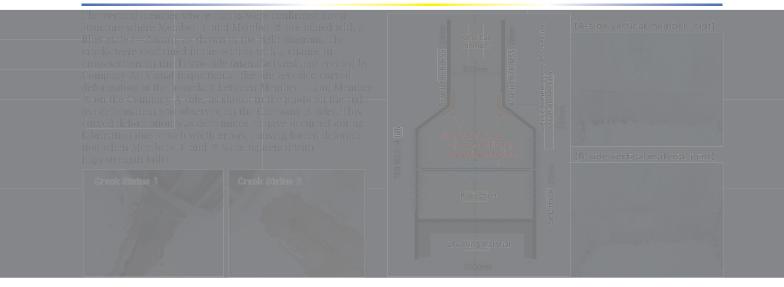
Investigation of Causes and Countermeasure Design for Fatigue Cracks in Steel Bridges and Post-Countermeasure Effect Verification (Part 2)



This case involves cracks that developed in the vertical members of Rose Bridge, as shown in the photograph. As indicated by the ● mark in the right diagram, the crack locations were concentrated at the base of the vertical members and were only confirmed on the Tokyo side. The completion records revealed that different manufacturers and construction companies were responsible for the Tokyo and Aomori sides. Below, we present Josei's investigation into the cause of the cracks and the proposed countermeasures.



Introduction to Crack Cases: Fatigue Cracks in Vertical Members (Impact of Construction Defects)



Construction Defects and Reinforcement Countermeasure Effect Verification

