

Bridge Technology to Enhance Disaster Resilience

Japan Bridge Association is an organization established by 30 leading steel bridge manufacturers in Japan. We are contributing to society through the construction and maintenance of steel bridges in the world.

Technologies de ponts renforçant la résilience face aux catastrophes

L'Association des constructeurs de ponts du Japon (Japan Bridge Association) est une organisation qui regroupe 30 acteurs de premier plan du secteur des ponts en acier dans ce pays.

Nous contribuons à la société en construisant et en entretenant des ponts en acier à travers le monde.

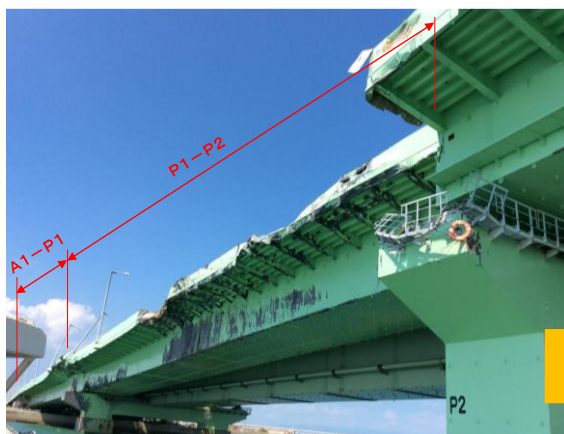


Technology for the early restoration of disaster-damaged long-span bridges

■ Sky Gate Bridge R

The Sky Gate Bridge R is an important transportation infrastructure that links Kansai International Airport with major cities in the Kansai region, such as Osaka, Kyoto, and Kobe. In September 2018, a 2,600-ton tanker collided with a bridge pier due to strong winds caused by Typhoon No. 21. The collision caused major damage, including bearing damage, girder slip, collision with the railway bridge, steel deck cantilever damage, and damage to some facilities on the bridge.

The restoration work was estimated to take about 18 months based on a typical construction schedule, but full restoration was completed in only 5.4 months.



Construction companies:
IHI Infrastructure Systems and Takada Kiko

