SANRIKU Railway HAIPESAWA Bridge

The SANRIKU Railway HAIPESAWA Bridge is a 2-span continuous SRC through girder with geosynthetic-reinforced soil on the SANRIKU Railway Kita-Rias Line, which is a replacement for the old bridge washed away by the tsunami.

It is the first application of "GRS integral bridge" which combines the integration between superstructure and substructure and geosynthetic-reinforced soil for disaster mitigation, reduction of cost, operation and maintenance.

The world first application of “GRS integral bridge” which will contribute significantly to the development of future bridge technology deserves the Japan Society of Civil Engineers Tanaka award.