

## Continuous grade separation for the area around Kashii Station (Nishitetsu kaizuka Line) formerly Miyajidake Line



**Ordering party** : NishiNippon Railroad Co., Ltd

**Location** : Fukuoka City

**Facilities** : Continuous highlevel railway bridge,  
Elevated station house

**Structures** : Reinforced concrete rigidframe highlevel bridge

**Length** : 3.1km (Including the Kashii marshalling yard of 1.7km)

**Width** : 5.9m to 15.9m

**Station house** :

- Nishitetsu Kashii Station
  - 1 platform serving 2 tracks
  - Length : 65m, -2 floors aboveground
- Kashii Miyamae Station
  - 1 platform serving 1 track
  - Length : 65m, 2 floors aboveground
- Nishitetsu Chihaya Station
  - 1 platform serving 2 tracks
  - Length : 65m, 2 floors aboveground

**Project approval** : Oct. 27, 1999

**Change of elevated railway** : May 14, 2006

**Time of services** : Mar. 2000 to Mar. 2007

The Kashii area, the east subcenter of Fukuoka city, was developed to form the subcenter centering on two main areas – the area around Kashii Station and Kashii marshaling yard. Community severance caused by Nishitetsu Miyajidake Line led to chronic traffic jams and was a major hurdle in comprehensive urban development.

In the continuous grade separation-building project for the area around the Kashii Station, a 3.1km railway including the marshaling yard of 1.7km, was elevated as well as Nishitetsu Kashii Station, Kashii Miyamae Station, and Nishitetsu Chihaya Station. In addition, an arterial road, station plaza, access road, and park were readjusted in the land readjustment project.

This high-level railway bridge, which was designed based on the concept of new quake-resistance standards established after the Great Hanshin earthquake, did not suffer damage from destructive shaking caused by Fukuoka earthquake occurred in March 2005.