

Can Tho Bridge (Vietnam)



Project description

The Can Tho Bridge, inaugurated 2010, is a cable-stayed bridge over the Hau (Bassac) River, the largest distributary of the Mekong River.

The 2,750 m four-lane bridge has two 2.75 m wide walkways. It is located in Binh Minh District, Vinh Long Province, opposite Can Tho, approximately 170 km south of Ho Chi Minh City.

The 26 m wide bridge deck is of pre-stressed concrete. Span lengths are 2 × 40 m - 150 m - 550 m - 150 m - 2 × 40 m while the total pylon height is 175.3 m. The bridge replaces the ferry system that currently runs along National Road 1A and links Vinh Long Province and Can Tho City.

The bridge is considered to be one of the largest engineering projects in Vietnam's history ever and overtook the title of Vietnam's longest bridge.

mageba scope

The bridge is equipped with 7 mageba expansion joints with length of 23.1 m each: 1 × RS-B80 single cell joint (movement capacity 80 mm), 1 × RSFD-B230 Finger Joint (movement capacity 230 mm), TENSA®MODULAR expansion joints of types 1 × LR3 (movement capacity 240 mm), 2 × LR4 (movement capacity 320 mm each) and 2 × type LR10 (movement capacity 800 mm each).

All expansion joints were produced at mageba's 100% owned subsidiary in Shanghai, China.

Due to the very tight bridge construction schedule all expansion joints had to be designed, produced, delivered and installed within the very short period of only 3 months.

Highlights & Facts

mageba Products:

Type: TENSA®MODULAR type LR3, LR4 and LR10
TENSA®GRIP type RS
TENSA®FINGER type RSFD

Features: movement between 80 and 800 mm

Installation: 2009

Structure:

City: Mekong-Delta

Country: Vietnam

Built: 1997–2001

Type: Cable-stayed bridge

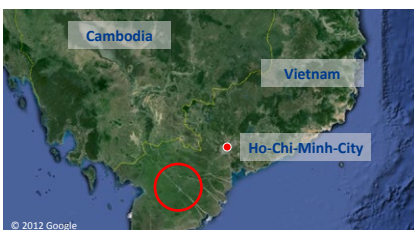
Length: 2'750 m

Owner: Ministry of Transport and Communication of Vietnam

Contractor: Taisei Corporation, Kajima Construction

Architect: CHODAI Co.

Can Tho Bridge: Networking Link in the Mekong Delta, Vietnam



Ready installed TENSA®MODULAR expansion joint LR10 – Length 23.1 m



mageba Finger joint type RSFD-B230 ready for shipment

