

KEPPEL BAY BRIDGE FACT SHEET

Keppel Bay Bridge is the longest cable-stayed bridge in Singapore, spanning 250m across the strait linking the private Keppel Island to mainland.

It is the first public bridge to be constructed by a private developer and will be handed over to the Land Transport Authority.

Costing S\$30 million to construct, the iconic Keppel Bay Bridge forms part of the 32-hectare world-class waterfront living precinct of Keppel Bay.

DESIGN

- ▶ The Bridge is designed to be a stunning public icon in the western part of Singapore. It is reinforced by a main pylon with seven asymmetrical cables rising 50 m above the sea.
- ▶ The Bridge employs the new and innovative VSL SSI2000 cable-stay system which has improved performance in terms of durability, buildability and maintainability.
- ▶ Keppel Bay Bridge is adorned with special effects LED lights by DPA, one of UK's leading lighting specialists behind the award-winning Erasmus Bridge in Rotterdam. The lighting display can be programmed to enhance the atmosphere at events or festivals taking place in Keppel Bay.
- ▶ During the day, the Bridge towers its surroundings as an illuminating landmark. By night, the white surfaces transform into a canvas for colourful lighting effects.
- ▶ Keppel Bay Bridge was jointly designed by DCA Architects Pte Ltd and TY Lin International Pte Ltd and constructed by Penta Ocean Construction Co. Ltd.

ACCESSIBILITY

- ▶ Keppel Bay Bridge links the mainland to the private Keppel Island for access to both pedestrians and vehicles :
 - Keppel Bay residents and the public will enjoy the seafront playground at Marina at Keppel Bay on Keppel Island where there are premium berthing facilities and fine dining experiences.
 - The Bridge also serves to carry basic infrastructure services and necessities such as power, water, sewer and tele-communication lines to the island.

- ▶ The Bridge connects Keppel Island to the mainland transportation network via a spine road (Keppel Bay Drive) that leads out to Telok Blangah Road and the East Coast Park Expressway. Singapore's Central Business District is less than five minutes drive away.
- ▶ The Bridge also connects to the public promenade flanking Keppel Bay's shoreline. This promenade will eventually be linked to the nearby HarbourFront developments on the east and Labrador Park on the west.

PEDESTRIAN EXPERIENCE

- ▶ In addition to a panorama of the sea, Keppel Bay Bridge offers spectacular views of the iconic residences of Reflections at Keppel Bay and Caribbean at Keppel Bay on one side, and Resorts World at Sentosa on the other.
- ▶ The planning and design of Keppel Bay Bridge involved considerable efforts in ensuring and providing pedestrian friendly and conducive walkways on both sides of the bridge to enhance pedestrian experience. The walkways provide a seamless connection between the promenades along the mainland and Keppel Island.
- ▶ To commemorate the historical significance of Keppel Harbour, a series of informative plaques are placed along two sides of the bridge integrating with railing design to present slices of Singapore's maritime heritage and the transformation of Keppel Bay.
 - The plaques feature images and nuggets of information on Long Ya Men, Labrador Park, Keppel Island, Sentosa, Mount Faber and Keppel Shipyard among others, capturing the rich historical significance and nostalgia of Singapore's southern waterfront.