

Double-arch steel bridge for Cross Bay Link arrives in Hong Kong (with photos)

â€‹The prefabricated double-arch steel bridge for the Cross Bay Link, Tseung Kwan O, arrived in Hong Kong today (February 16), to be erected on the bridge piers later.

Of its about 1.8 kilometre total length, 1km of the Cross Bay Link is a marine viaduct composed of a number of sizeable steel and concrete members. The steel bridge components are prefabricated in Nantong, near Shanghai, and delivered to Hong Kong in batches for erection.

A spokesman for the Civil Engineering and Development Department (CEDD) said that the double-arch steel bridge arriving in Hong Kong today has a length of 200 metres and a weight of about 10 000 tonnes. Constructed with high-strength steel, it is an integral part of the marine viaduct of the Cross Bay Link, and would, upon completion, be the longest span and heaviest steel arch bridge in Hong Kong. The delivery vessel of the double-arch steel bridge departed Nantong on February 9 and entered Junk Bay this morning after a sea journey of eight days.

Spanning across Junk Bay, the Cross Bay Link will connect the southeastern areas of Tseung Kwan O with the Tseung Kwan O – Lam Tin Tunnel, and will provide linkage to Tiu Keng Leng and Tseung Kwan O town centre. Scheduled for completion in 2022, the project will greatly ease transportation between the southeastern part of Tseung Kwan O and Kowloon. With reductions in the traffic load on Wan Po Road and Tseung Kwan O town centre, traffic flow in the district will be much enhanced.

The spokesman said, "The CEDD supervised the arrival of the double-arch steel bridge at the Tathong Channel this morning. The Department acknowledges the project team's meticulous planning and arrangement for the prefabrication, assembly and delivery of the double-arch steel bridge, overcoming various engineering challenges and site setting constraints. The whole process was completed in an efficient and orderly manner, allowing the double-arch steel bridge to be delivered to Hong Kong on schedule."

For more information about the Cross Bay Link, please visit the project website (www.cbltko.hk).

