

Tuen Mun – Chek Lap Kok Link

The Tuen Mun-Chek Lap Kok Link (TM-CLKL) provides a strategic link connecting the Northwest New Territories (NWNT) to North Lantau, the Hong Kong International Airport (HKIA) and the Hong Kong-Zhuhai-Macao Bridge (HZMB) Hong Kong Port. The 9 kilometer (km) long link road is divided by the HZMB Hong Kong Port into the Southern Connection and the Northern Connection.

The Southern Connection merges with the North Lantau Highway at Tai Ho via a 1.6 km sea viaduct and a 1.9 km land viaduct. The urban bound was opened to traffic on 24 October 2018 to dovetail with the commissioning of the HZMB while the Tung Chung bound was commissioned on 30 November 2018.



Overview of the Southern Connection and North Lantau Highway with Y-shaped sea viaduct piers resembling a flock of seagulls flying over the waters.

The Northern Connection consists of a 5 km long dual-carriageway sub-sea tunnel (the Tuen Mun-Chek Lap Kok Tunnel) connecting the HZMB Hong Kong Port to Pillar Point in Tuen Mun South. A 2 km long viaduct and a vehicular underpass connect the new link to the local road network. The Northern Connection was fully commissioned in December 2020.

Tuen Mun-Chek Lap Kok Tunnel is the first sub-sea road tunnel in Hong Kong using the construction method of Tunnel Boring Machine (TBM). Using TBM not only minimizes the ecological impact on the nearby waters, it also reduces the impact on the heavy marine traffic along the Urmston Road during construction and avoids the need to divert the submarine power cables serving the HKIA which would otherwise be required of other conventional method.

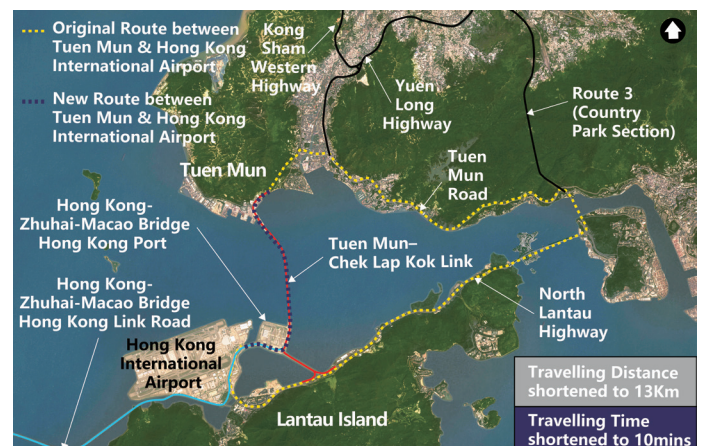
Project Benefits

The TM-CLKL offers a more direct route for road users travelling between the NWNT and Lantau as well as the HKIA. The journey time from Tuen Mun South to the HKIA can be reduced by about 20 minutes.



Overview of the North Portal

The TM-CLKL serves as an alternative road access to the Lantau Link, which also connects the HKIA and the urban area. It can therefore increase the accessibility and reliability of regional road networks connecting the HKIA and the HZMB. At the same time, it helps divert the traffic to and from Lantau, thus reducing the traffic load on the North Lantau Highway, Lantau Link and Tuen Mun Highway.



Strategic benefits of the Tuen Mun-Chek Lap Kok Link