

Cross Bay Link, Tseung Kwan O 2021.02.26

Prof. K. F. Chung was invited by **Ir S. H. Lam**, *Permanent Secretary for Works of Development Bureau* and **Ir C. K. Lau**, *Director of Civil Engineering and Development Department* to witness the final installation of the Eternity Arch onto the two pre-fabricated piers of the Cross Bay Link at Tseung Kwan O in the morning of Friday 26 February 2021. Representatives from **AECOM** and **CRBC** were also presence. Prof. Chung presented on benefits of using high strength S690 steels in heavily loaded members and long span structures in public works such as road bridges and foot bridges, noise barriers and steel piles.





A total of 4,400 tons S690 steel plates were adopted to make the two curved box sections, and their cross-sectional dimensions vary from 3.0 x 3.0 to 3.5 x 3.5 m.

CNERC was commissioned by CRBC through a consultancy project to work on structural adequacy of welded sections under various heat energy input, and corresponding welding procedure specifications.