Media News

MissionOS in Trunk Road T2 - Hong Kong

Maxwell GeoSystems implemented its **MissionOS Tunnel Data Management System (TDMS)** for the Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron (Trunk Road T2), a project of Bouygues Travaux in Hong Kong.

The Trunk Road T2, together with the proposed Central Kowloon Route (CKR) and Tseung Kwan O - Lam Tin Tunnel (TKO-LTT), will form the Route 6 alignment in the strategic road network. Route 6 will provide an east-west express link between West Kowloon and Tseung Kwan O and provide the necessary relief to the existing heavily utilised road network in the Central and Eastern Kowloon areas.

The scope of the project comprises:-

- A dual two-lane trunk road of approximately 3.4 km long with about 3.1 km of the trunk road is in the form of tunnels.
- Ventilation buildings, traffic control and surveillance systems; associated buildings, civil electrical & mechanical, and landscaping works.

One of the key challenges to be faced by the contractor will be the systematic use of the three main tunnelling formats: Tunnel Boring Machine (TBM) excavation, Cut-and-Cover and Drill & Blast, all in the one project.
MissionOS easily handles the significant data collection demands throughout the various construction phases in conditions which would otherwise prove difficult to manage by traditional methods.

With part of the tunnel construction phase being underwater, it will require installation of additional automatic monitoring instruments, all of which can be readily incorporated through the **MissionOS** system and its greatly enhanced data-loading capability. **MissionOS TDMS** also provides direct connection to the TBM, allowing remote access to real-time data in the office, with minimal latency.

Be sure to check out our website www.maxwellgeosystems.com and subscribe to Follow our company profile on LinkedIn for the very latest news and developments.

#MissionOS #Bouygues Travaux #BTP #HongKong #TBM

Date: 26/02/2021 **Ref: MGS-T2 HK-01**