

中力し育 幹線 Central Kowloon Route HY/2014/20 – Central Kowloon Route - Yau Ma Tei West

Build King – SKEC Joint Venture (YMTW)

CIC Site Safety Gathering Sharing Session for Working-at Height Safety





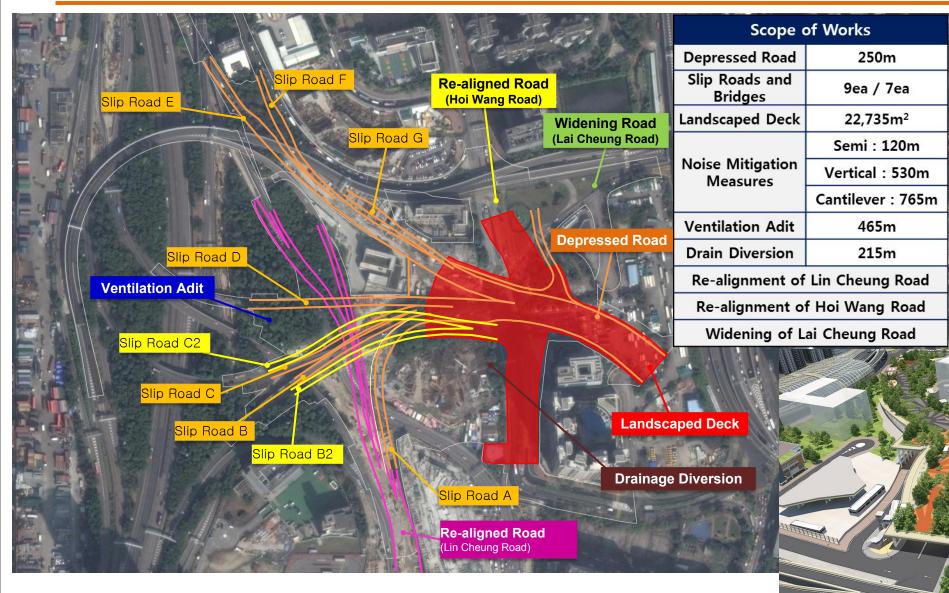
1. Overview of CKR Project





2. Scope of Work

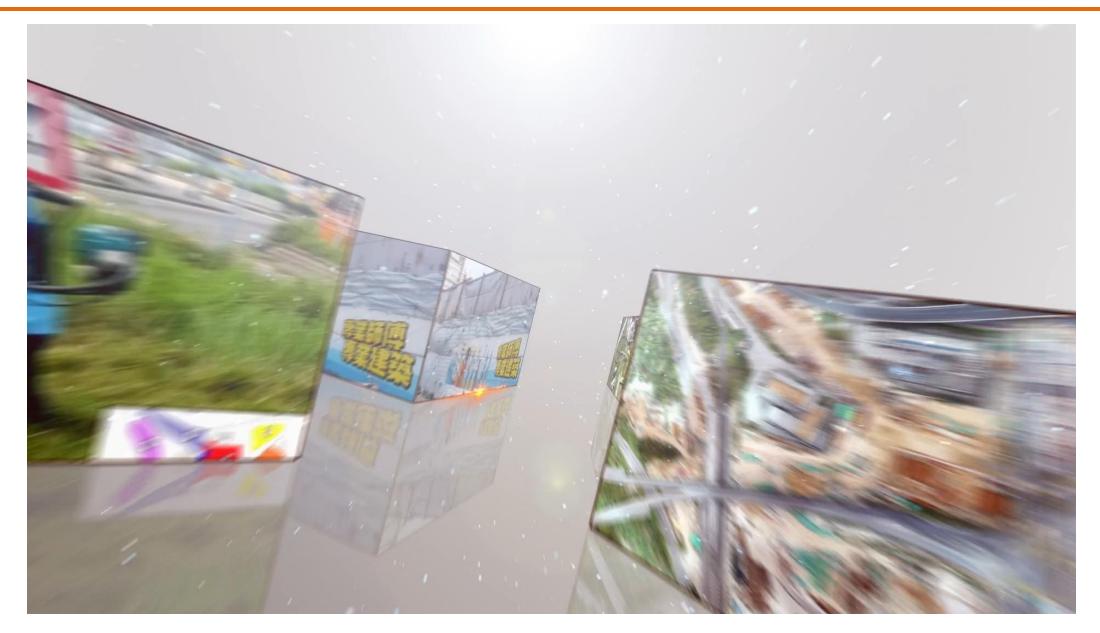






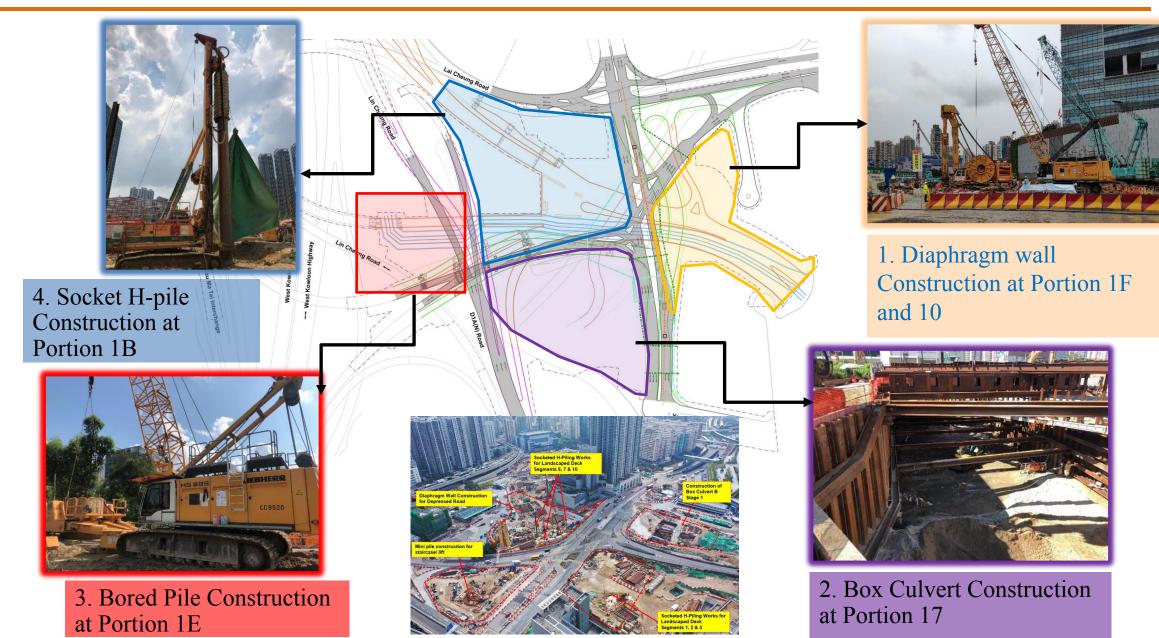
3. Video of YMTW Project





4. Work Activities with Relatively Higher Risk on Working at Height





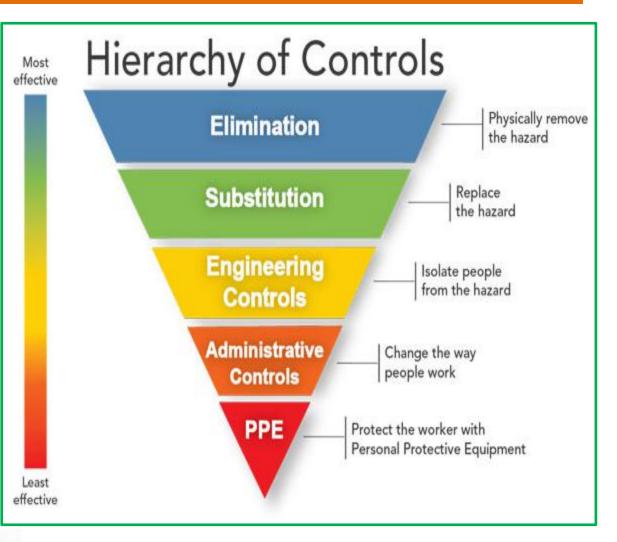
4. Work Activities with Relatively Higher Risk on Working at Height





<u>Our project's strategy</u>: Elimination and substitution are the priority of the hazards control.









1) Diaphragm Wall Construction

Initial Plan: Adopt metal scaffolding during the rebar cage connection works





After Method Review: The connection work can be conducted at ground level

Prefabricated Protection



1) Diaphragm Wall Construction





Standard of edge / ground opening protection

Prefabricated Protection



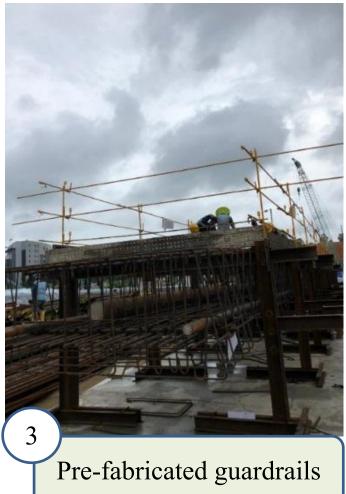
1) Diaphragm Wall Construction

Setting up of metal frames for rebar cage

Tailor-made post for prefabricated guardrails

2



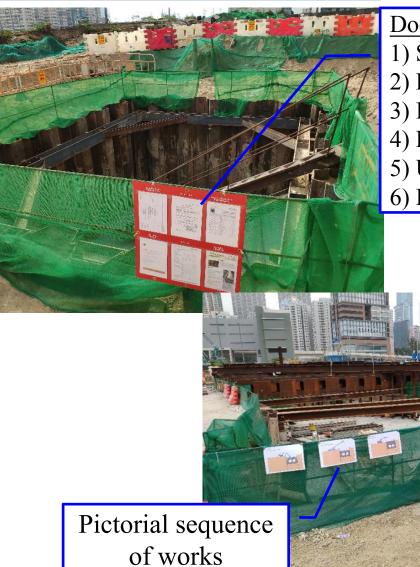


Sequence of Work



2) Box Culvert Construction





<u>Documents include:</u>
1) Statutory Form
2) Design Certificate
3) ICE Certificate
4) Permit to Excavate
5) U/U Detection Report
6) Emergency Contact

Prefabricated Protection



3) Bored Pile Construction



Pre-fabricated Guardrail



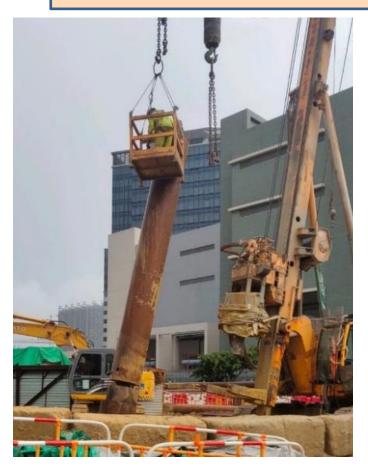




PPE



4) Socket H-pile Construction









Works Above Ground Safety Measure

i) Metal Scaffolding







Access tower and platform



Works Above Ground Safety Measure

ii) Mobile Elevated Platform





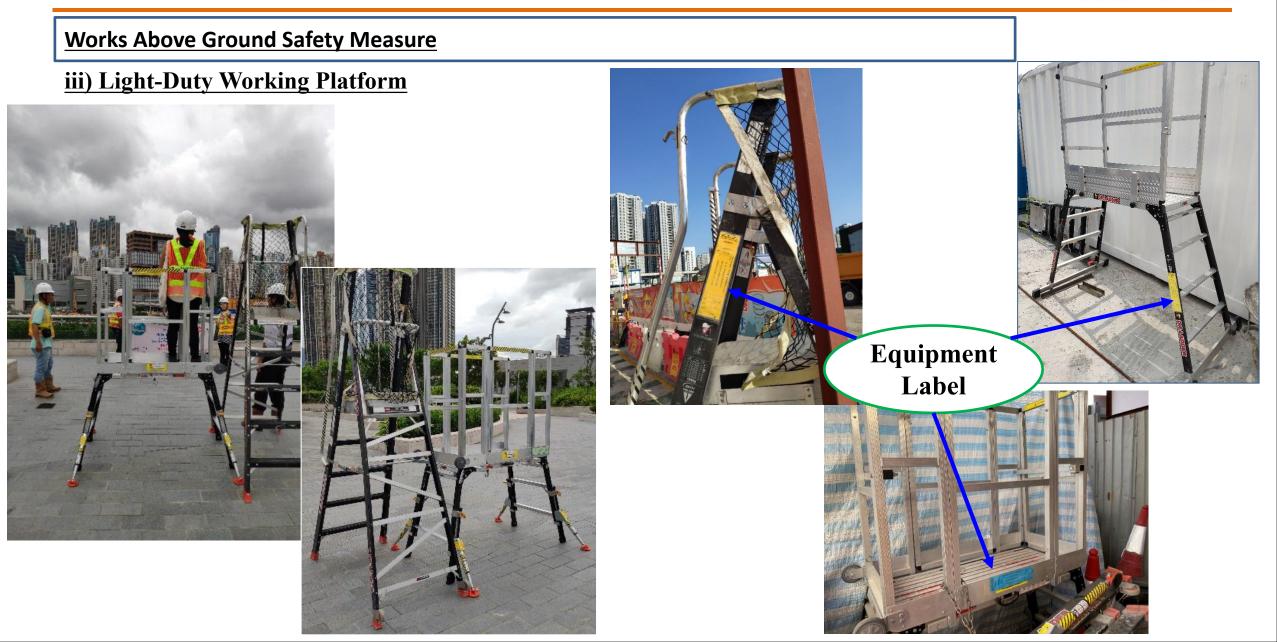






Different types of Mobile Elevated Platform are to be adopted







Works Above Ground Safety Measure iv) Fall arresting system (Full body harness + secure anchorage point) Independent lifeline Fall arresting system Access Ladder



Training & Promotion





Training & Promotion





Virtual Reality Training (VR)





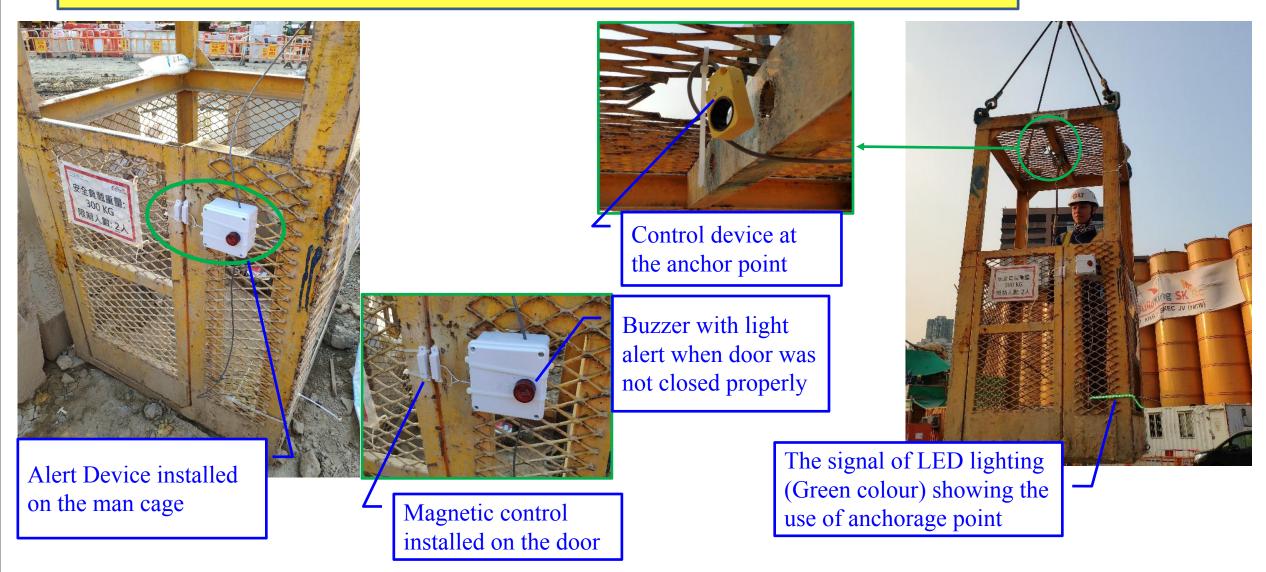




7. Innovative Measure in Working at Height Safety



Alert Device



7. Innovative Measure in Working at Height Safety



<u>Alert Device</u>





End of Presentation

Thank You!!