

## WD2/2005 Improvement to Pedestrian Subway System at Kwai Fuk Road Roundabout Construction Traffic Impact Assessment Study



### Background & Objective

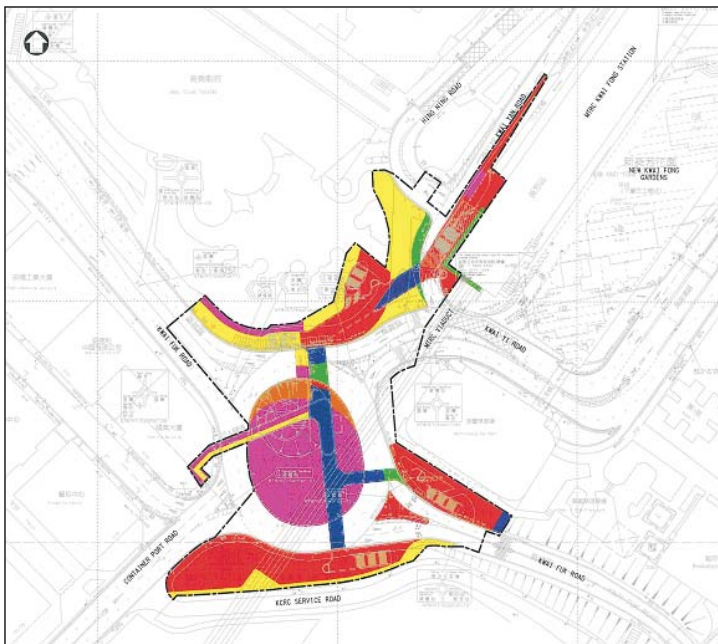
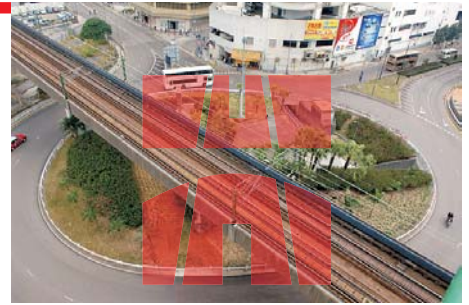
MVA Hong Kong Limited has been commissioned by Highways Department (HyD) Works Division to carry out "Agreement No. WD2/2005 Improvement to Pedestrian Subway System at Kwai Fuk Road Roundabout - Construction Traffic Impact Assessment Study" (the TIA study). The construction is scheduled to commence in the first quarter of 2007 for completion in the first quarter of 2009. The proposed pedestrian subway system at Kwai Fuk Road Roundabout will be constructed by cut & cover method, and the utilities and drainage diversions will be carried out in conjunction with the subway improvement construction works.

The aim of this TIA study will mainly focus on the traffic implications to the existing road networks at and adjacent to the Kwai Fuk Road Roundabout, devise appropriate temporary traffic management schemes within the Area of Influence (AoI) during construction and estimate the pedestrian flows after the operation of the proposed

subway system.

### Key Task

- ▶ To quantify the walkway environment on the existing pedestrian facilities (e.g. subway, footpath and at-grade crossing), Level of Service (LOS) and Volume/Capacity (V/C) Ratios are adopted as the indicators in the pedestrian assessment.
- ▶ Design TTM schemes in order to minimise the disruption to the road traffic as well as pedestrian.
- ▶ Assess the operational performance of the Kwai Fuk Road Roundabout with 2008 forecast peak hour traffic flows.



### Note :

The above quoted figures are indicative only.

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