

## MVA in Dubai, UAE

### Introduction to MVA

The MVA Group was incorporated in the UK in 1968, and now has around 500 staff worldwide, specialising in traffic engineering and transport planning and operations. MVA commenced operations in Asia in 1978, and now has a regional head office of approximately 160 staff based in Hong Kong and permanent regional offices in Bangkok, Singapore, Beijing and Shenzhen. In addition MVA has other offices in various countries including Dubai.

MVA is the largest specialist traffic and transport consultancy firm in Asia. The MVA Group is part of the Systra Group, which specializes in railway and civil engineering, and is one of the largest transport consultancy groups in the world.

Projects undertaken by MVA in Dubai include:

#### DubaiLand development project

Advising on transport network requirements in relation to this mixed use development which is modelled as a tourism, leisure and entertainment destination that has many different attractions and a forecast visitor rate of 15m people per annum and 300,000 employees

#### Dubai Metro Project

Travel demand modelling and forecasting for the LRT system in Dubai together with a supporting bus network system. In addition, traffic impact studies have been undertaken around the stations on the LRT system to ensure workability of ingress/egress and pick-up/drop-off.

#### Dubai Investment Park Traffic Impact Study, Dubai

Commissioned to carry out a Traffic Study for the proposed development, comprising residential, employment, educational and recreational facilities. The study involved forecasting the travel demand generated and attracted to the area by available modes of transport and time period, assess the adequacy of the proposed transport infrastructure to cope with the expected level of travel demand and identify and develop transport schemes to mitigate and improve potential traffic problems.

#### Dubai Promenade Traffic Impact Study, Dubai

Commissioned to undertake a traffic study for the proposed development located in the Dubai Marina area, providing residential, retail, hotel, and water-based leisure facilities. The study involved travel demand forecast by available modes of travel and time of day, assess the adequacy of the proposed transport infrastructure serving the development to cope with the expected level of travel demand, and identify and develop transport schemes to mitigate and improve potential traffic problems. A particular challenge for the study was providing access to the site from the strategic road network, which is planned to be upgraded in the future.

### Design Centre Traffic Impact Study, Dubai

Appointed to undertake a Traffic Study for the development located next to Emirates Road and Academic Road near to the International City. The study involved processing the proposed land use planning data for input to the transport model, and developing appropriate road and transit schemes to cope with the expected demand. The development containing mainly residential, office and retail with around 4450 residential units, 5,430,000sqm GLA of office space and 4,34,000sqm GLA of retail floor space.

### International City Phase Two and Three Traffic Impact Study, Dubai

Appointed to undertake a Traffic Impact Assessment Study for International City Phases 2&3 in Dubai, using the latest RTA VISSUM model. The development is a mixed landuse development containing residential, office retail and some community facilities. International City is located along Emirates Road.

### Palm Gateway Traffic Impact Study, Dubai

Commissioned by RTA to carry out a Traffic Impact Study of Palm Gateway, using a VISSUM Model. Palm Gateway consists of three tower buildings located at the gateway entrance to the Palm Jumeirah, these towers will be home to residential and office units along with a hotel.

### Dubai Mall Traffic Study, Dubai

MVA provided traffic and transport advice including traffic and pedestrian circulation, parking circulation and access arrangements and circulation strategy for a large mixed used Retail Development of some 480,000 sqm GFA with 15,000 car parking space.

### Review of Transport Master Plan for Palm Jumeirah Island, Dubai

MVA undertook a study to review the planned land use and transport Master Plan for Palm Jumeirah Island and recommend schemes for improving traffic circulation within the development.

### Review of Transport Master Plan for Palm Jebel Ali Island, Dubai

MVA undertook a study to review the planned land use and transport Master Plan for Palm Jebel Ali Island and assess its impacts on the transport infrastructure.

### Review of Transport Master Plan for Palm Deira Island, Dubai

MVA undertook a study to review the planned land use and transport Master Plan for Palm Deira Island and assess its impacts on the transport infrastructure.

### Mall of Arabia, Dubai Land Development, Dubai

Commissioned to review the design of internal servicing provision and assess the adequacy of the vertical and horizontal transportation facilities for the proposed development of over 1.0 million sqm GFA with over 10,000 car parking spaces.



#### Note :

The foregoing quoted figures are indicative only.

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