

Lahore Mabarak Centre Traffic Study



The Mabarak Center development is located on the west side of one of the major radial routes "Ferozpur Road" into Lahore from the south. This development was quite grand, with complex and multi-purpose land uses. The size of the development was projected to generate considerable amount of vehicular traffic. Traffic generation, access, circulation and parking was an important aspect of the design, and crucial to the success of the project.

MVA was commissioned to conduct a Traffic Impact Assessment (TIA). This study considered the wider issues of traffic circulation in the area and suggested modifications and improvements, where appropriate.

The scope of work included:

- ▶ Traffic surveys & data collection
- ▶ Reviewed existing traffic situation
- ▶ Assessed traffic generation and distribution for the new development
- ▶ Provision and layout design of accesses to the new development
- ▶ Developed traffic forecasting models and tools, and preparation of traffic forecasts
- ▶ Traffic impact assessment on surrounding roads and junctions, ingress/egress points, car parking access and internal traffic circulation
- ▶ Advised on internal roads and traffic aspects, including parking provision, internal roads and junctions, swept path analysis, etc

- ▶ Developed detailed "micro-simulation" traffic analysis models for the development and surrounding roads
- ▶ Advised on public transport access issues
- ▶ Studied of adequacy of road crossings and other pedestrian facilities
- ▶ Integration of Zayed Centre with future MRT station and liaison with Government and others to ensure optimum arrangements
- ▶ LRR (need to spell out what is this?) issues affecting Zayed Centre access and liaison with Government and others to ensure optimum arrangements

Development Details:

- ▶ One 60+ storey multi-use tower block as the landmark building of the site
- ▶ Three 40+Storey tower blocks
- ▶ A convention Centre
- ▶ Banquet Halls
- ▶ Five Level Retail Complex
- ▶ An Arch type medium height Luxury Apartment block
- ▶ 3-Level car parking facilities for approximately 2,700 vehicles below ground
- ▶ An additional multi-store (5 level) car park opposite the development on the east side of Ferozpur Road

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