

VICTORIA & ALFRED WATERFRONT DEVELOPMENT CAPE TOWN SOUTH AFRICA

In 1989 Transnet through the Victoria and Alfred Waterfront Company appointed a core team of planners, architects, engineers and project managers to investigate the phased renewal of the derelict area around the Victoria and Alfred dock basins in Cape Town. The vision was to create a vibrant waterfront comparable to, if not surpassing, the Fisherman's Wharf in San Francisco. HHO Africa were appointed to and remain members of this core team and have overall responsibility for all the traffic, transportation and road infrastructure planning.

The project is a resounding success and the Waterfront is now one of the premier tourist destinations in South Africa and is recognised worldwide as one of the most successful developments of its type. The project is still expanding with new hotels, office parks, shopping centres, restaurants and residential housing in the mix.

Among the studies that HHO Africa carried out as part of the conceptual planning were :

- ◆ *Forecasting of possible traffic flows and impacts arising from alternative conceptual plans*
- ◆ *Assessment of the traffic impact of such a major development on the surrounding areas*
- ◆ *Forecasting traffic growth in relation to varying scales and rates of development*
- ◆ *Effect of differing traffic flow assumptions on the proposed road layouts and evaluation of alternatives*
- ◆ *Investigation into parking systems to cope with expected demand*
- ◆ *Continuous monitoring of traffic flows to confirm predictions and modify forecasts where necessary*
- ◆ *Preliminary investigations into the feasibility of a light rail system linking the City centre and the Waterfront*

