

LANGA - MUTUAL - CHEMPET RAIL CORRIDOR STUDY

The Olympic Transportation Plan (prepared by HHO Africa) identified the need for a direct north-south rail linkage in the Cape Town metropolitan rail system. A number of important regional employment centres exist in the study corridor.

HHO Africa were appointed with MCA Urban & Environmental Planners to undertake a technical feasibility assessment of establishing a north-south commuter rail corridor. The area is presently served only by road transport.

The study included the following investigations and was to be done in stages :

- ◆ *Investigate alternative options for the north-south route alignments for the proposed corridor*
- ◆ *Select a preferred alignment having regard to engineering, planning and social considerations*
- ◆ *Estimate the future potential patronage along the proposed corridor*
- ◆ *Establish the land-use and land take consequences of the proposed corridor*

- ◆ *Determine the number and location of proposed stations along the route for the various options together with station planning and station surrounds*
- ◆ *Plan appropriate transport modal interchange facilities at the proposed stations to facilitate commuter use*

The next stage of the study will consider some of the following aspects :

- ◆ *The environmental consequences of the preferred route and the impact on established residential communities and industrial areas*
- ◆ *The potential for industrial and commercial development created by the new transport corridor*
- ◆ *A public participation process to inform all interested and affected parties*
- ◆ *Operational studies on the future link, both at the localised and network level of assessment*
- ◆ *The feasibility of integrating light rail facilities into the system*

