



## SULTAN HAMUD - MACHAKOS - JKIA JUNCTION

(A109 / A104) Supervision Services - Kenya

Client: Ministry of Roads and Public Works

### SUMMARY:

<b>Value:</b>	€2.5 million Consultancy
<b>Status:</b>	Under Construction (2006 - 2009)
<b>Finance:</b>	IDA / World Bank
<b>Services Provided:</b>	

Provision of two expert site supervision teams with Head Office support to carry out the following responsibilities:

- Review Engineering Design Documents & preparation for implementation of activities under this contract;
- Advise the Client in the construction management of physical works, including maintenance, and to verify and certify all reimbursement claims;
- Support the Client in contract monitoring, reporting and financial management;
- Provide advice and support to the Client in order to develop its technical, socio-economic and contract management capability; and;
- Assess potential environmental and social impacts of large structures, intersection and road improvements and recommend mitigation measures including monitoring during the contract period;
- Prepare and monitor a counterpart training programme on site for MORPW seconded engineers and technicians.
- Provide all of the site supervision requirements on site to deal with Quality Control, Measurement, Payment, Progress
- Tracking, Reporting and contract interpretation for variations or claims.



### Narrative Description of Project:

The road forms part of the Mombassa – Nairobi two lane (A109/A104) road. It starts 8 Kms from Sultan Hamud and runs in a north westerly direction passing through Ulu Urban Centre, Machakos Turnoff to end at the junction of Jomo Kenyatta International Airport (JKIA). It covers approximately 86 Km in length.

The last 12 Km to JKIA junction is in four lane dual carriageway with the following construction parameters. 50 mm thick asphalt concrete carriageway with surface dressing on shoulders , 175 mm thick dense bitumen macadam base, 225 mm crushed stone sub-base strengthened with 2% cement stabilization , 350 mm quality improved selected natural gravel subgrade , Ancillary works for culverts, drainage, safety barriers and road furniture.

The construction contract is split into two separate contract lots with a separate supervision team on each site to supervise each construction contract.

