9. SUMMARY OF THE STUDY

The aim of this study is to provide a systematic description and analysis of sustainable road layout design using fuzzy logic system. The selection of methodological framework is justified on the ground that it enables one to grasp the interlinkages between the various indicators of the sustainability, while at the same time, highlighting the factors that influences such interlinkages.

A suburban area is chosen for conducting the analysis of sustainable road layout.

The study involves planning, design and orientation of road network configuration to attain sustainability.

The study is framed with design comprising of

1. Attainment of self similarity

2. Path prioritization for improvement to serve as a tool for road administrative.

Specific conclusions drawn from the study are

1. An approach for study of heterogeneous traffic using video image processing is attempted.

2. A model for sustainability road layout has been developed

The present work is exploratory both in its methodology and theoretical framework.