

I ROADS

I.1 Background

I.1.1 Introduction

The overarching of the SIDPR for the road infrastructure is “*To facilitate developmental activities in other sectors of the economy and to improve the social welfare of the population.*”

This will be achieved by giving access to population settlements and essential services by extension of the road network to inaccessible regions identified for development and improvement of existing roads to cater for traffic growth while making the road safer for road users.

- Goal 1: Improving road project identification and their prioritisation;
- Goal 2: Strengthening the institutional framework; and
- Goal 3: Improving maintenance capability.

I.2 Strategies

I.2.1 Goal 1: Improving road project identification and their prioritisation

Objective 1: Ensure that road projects meet the particular needs of developmental activities and ease the mobility of the population activities

- 1 Inventory of the road network and cross-sectoral coordination to identify corridors in need of fundamental road links and at the same time highlight regions which are inadequately served.
- 2 List existing roads in need of upgrading
 - i. Track roads to be upgraded and tarred
 - ii. Paved in need of strengthening overlays
 - iii. River bed crossings improvement by providing them with culverts

Objective 2: Determine the most appropriate time for individual projects to be considered for funding

Activities:

- 1 Prepare a priority list of projects already identified with input from all stakeholders
 - i. New access should be provided in time so as to undermine the success of another project
 - ii. Upgrading of road to meet traffic demand
 - iii. Strengthening overlay with appropriate timing to stop the rapid deterioration of road
 - iv. Urgency of improvement of river bed crossings taking into account disruption of traffic and safety of users

I.2.2 Goal 2: Strengthening the institutional framework

Objective: Improving institutional development

Activities:

- i. Reorganised the Road with technical assistance of RDA. The Road Unit headed by an engineer with only the responsibility of the road network.
- ii. Additional personnel recruited during the first 3 years of the project
- iii. Training on the job of Engineer in Project Management
- iv. Training of technical officers in the various skills required

I.2.3 Goal 3: Improving maintenance capability

Objective: Making the most of the resources allocated to maintenance (primary and secondary network)

Activities

- i. Organisation and training of personnel in the new concepts of maintenance (first 6 months)
- ii. Inventory of the road network to identify road features which have to be maintained (4 months)

- iii. Routine subjective inspection relates the amount and type of work for each activity. In time for establishment of the maintenance programme in year two
- iv. Planning the annual programme of maintenance
 - a) Assess the resources needed (materials, labour, equipment)
 - b) Preparing an appropriate budget estimate (implementation of standard work rates)
 - c) Arranging that funds are allocated fairly to various parts of the road network
 - d) Monitoring the maintenance programme – quality as well as effectiveness of maintenance activity.
 - e) It is proposed that as the maintenance system develops objective survey techniques are gradually introduced in the inspection procedure. The system should be fully operational in a 5 year period.