

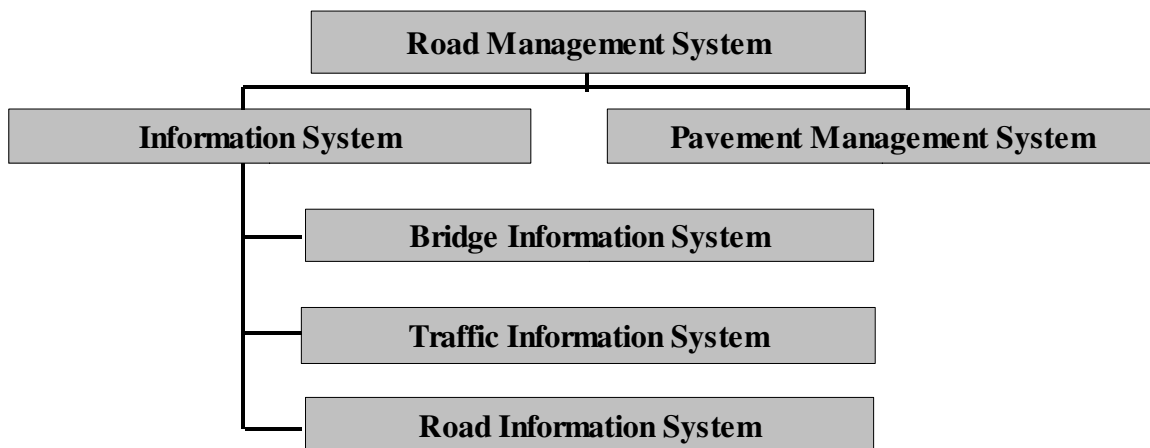
## **Tamil Nadu Road Sector Project**

### **Establishment of Road Management System (RMS) on the Core State Road Network (SH & MDR) for Highways Department**

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The “Road Management System” which is being implemented by Tamil Nadu Road Sector Project envisages development of a comprehensive “Road Asset Information Data Base” of the core road network (SH & MDR) of the Highways Department and a computerised “Pavement Management System (PMS)” for effective decision making and planning purposes. The proposed PMS system will rationalise the maintenance budget planning, predict the unconstrained maintenance budget and select candidate roads within the available budget based on the ‘life cycle cost approach’ analysis. M/S Mouchel Parkman-SPAN (JV) has been engaged as the consultants for carrying out the assignment. The cost of the Project is Rs 6.89 Crores. Duration of the contract is 40 months with 18 months for development and implementation and the remaining 22 months for implementation support.

#### **Overall Architecture of the “Road Management System (RMS)”**



#### **Likely Benefits due to RMS Implementation:**

- Web Based Road Inventory Information of SH & MDRs
- Traffic and Bridge Data Base
- Assessment of Budget Requirements
- Computerised Maintenance Planning
- Condition reporting of Road Network
- Use of computerized planning tools in selection of candidate projects

Two numbers of ROMDAS (Road Measurement Data Acquisition System) equipments have been imported by the consultants. Preliminary survey work has been completed for about 13500km and the detailed survey such as traffic count, axle load survey and BBD tests are in progress.

The core software development has just been taken up by the consultants. In this regard, consultants are in the process of assessing the user requirements of the proposed software so that Software Requirement Specification is frozen to facilitate software coding.

Inputs from the officers of Highways Department are welcome in specific areas such as type and depth of information on SH and MDRs to be stored in the web based system and management tools, software utilities required to enhance the HD capability in managing the State core road network. Inputs will be considered for acceptance within the frame work of the terms of contract already in place.

**Feedback shall be sent within 3 weeks to,**

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