

Studying Local Routine Maintenance System on Main Road in Syria

Eng. Abeer Al-Zahnoon *

Abstract

The aim of this research is to study and analyse routine maintenance for roads and to give a scientific approach modified to suit local conditions of road network. This is to optimize maintenance activities within the available and limited budget, by making an analytical study of Road Maintenance Management System in The Public Establishment of Road Communication (PERC), and by studying local routine maintenance system on main road network since 2004 in Syria. A survey was designed for this goal, that included questions related to routine maintenance. Engineers, directors of branches in (PERC) and contractors have answered the questions to highlight and modify some points in local routine maintenance management system and make it suitable for road maintenance in Syria. So that, the costs of road maintenance will decrease.

For the paper in Arabic see pages (233-257)

*Department of Roads Engineering- Faculty of Civil Engineering- Damascus University