

ABSTRACT

Pavement maintenance is very important of prolong pavement life as well as to preserve. The road functional in order to provide safe comfortable riding and reliable passage to all traffics. Generally, neglection or delaying the road maintenance activity may increase the overall cost of the repair and also affect the vehicle operation cost for the road users. The purpose of this study is to access the pavement condition, cause of failure in flexible pavement and rehabilitation works carried out on different roads of Karachi city.

The study focus on visual site assessment for flexible pavement along the main line and making measurements on the pavement distress based on inspection manual for pavement maintenance management system as well as interim guide to evaluation and rehabilitation of flexible road pavement.

The method of rehabilitation works identified includes reinstatement, overlays, and overlays with pre-treatment, regulating works and partial reconstruction with base stabilization.