

Maple Tree Accessory Shop

HICCA

Objectives:

To build roads in easy and cheap ways.

To use suitable materials for construction of roads.

To provide easy movement of vehicles.

To minimize the road accidents.

Introduction

Pavement is the durable surface material laid down on an area intended to sustain vehicular or foot traffic, such as road or walkway.

In the past, cobble stones and granite setts were extensively used, but these surface have mostly been replaced by asphalt or concrete.

There are to types of pavements: Flexible pavement Rigid pavement

Flexible pavement

Is composed of bituminous material surface course, underlying base and sub base course.

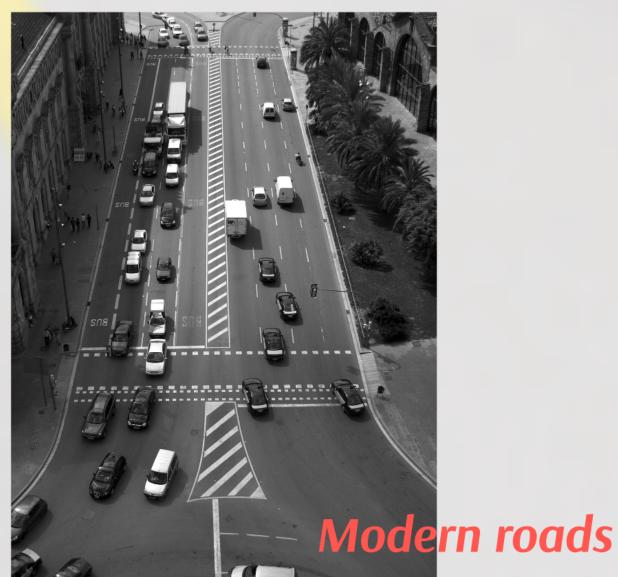
Flexible pavement structure is typically composed of several layers of materials.

Each layers receives loads from the above layer, spreads them out and passes on these loads to the next layer below.

Transportation system

Highway development history

- 1-roman road construction.
- 2-tresaguet road construction.
- 3-macadam road construction.



HIGHWAY PLANNING AND ALIGNMENT

planning surveys: the data thus collected from the field.