

CHAPTER 15
PAVEMENT CONSTRUCTION- GENERAL
SECTION 70- COMPONENTS AND FUNCTIONS

1501. The pavement may comprise a sub-base, and surfacing.

1502. Sub- base- Not always necessary. It is a layer of granular material placed on the formation, below the base:-

- a. On weak sub-grades to prevent moisture rising into the base and base material sinking into the sub-grade.
- b. On impervious sub-grade soils to assist the drainage of the formation.
- c. On hard rough sub-grades, to provide an even bearing for the base(especially under concrete).

1503. Base (see Section73).- The main strength of a pavement Its function is to spread the loads imposed by traffic, so as to reduce the load intensity on the sub-grade.

1504. Surfacing.- The course of courses above the base, or sometimes directly over a compacted sub-grade.

- a. To waterproof the base of sub-grade.
- b. To resist wear.
- c. To prevent dust formation.
- d. To provide smooth riding.