

Unconfined compressive strength of various types of pavement base material: A review

Abstract

In the highway construction industry especially for pavement base material, cement treated material is a conventional method that had been applied. Other than that, there is various types of base can be used such as cement kiln dust, reclaimed asphalt pavement, fly ash, and mine tailings. The usage of this various material can improve the unconfined compressive strength (UCS) of the base it terms of the strength. It was found that the UCS is the important properties to indicate the durability of the base. This paper summarized the material and the result of various types of base materials.