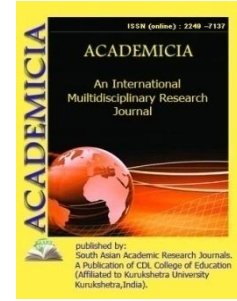




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INVESTIGATE THE IMPACT OF SOIL STABILIZERS ON THE DESIGN OF FLEXIBLE PAVEMENT

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ABSTRACT

Sub grade layer is that the bottom layer within the asphalt roads structure that below the bottom course placed as 1st layer, conditional on the kind of asphalt. For the big part, sub grade is made of kind and kind nearby local soil, river gravel, crush gravel and other sandy materials that time may be potentially wet that can't have enough solidness to help asphalt bound to sub base layer. A sound information on carrying out of the sub grade soil below winning unwarning condition is very important before the event of some bitumen. The more precious every solid scenery of the elements the more powerful would be some drawn-out demonstration from the bitumen. Henceforth, the regulation of bitumen ought to stay targeted throughout the output, typically physical, and increase utilization of possible sub grade elements to strengthen their display. If there should arise an occurrence of less also moist sub grades, the permissible approach could also imply required to build the sub grade assist toward higher layers (e.g., planning operating stage) for asphalt development to reached the height purpose for successive tolerate loading. For stabilized soils, even fifty metric linear unit diameter, a hundred metric linear unit high samples are often used for UCS when natural action. Beam size are often fifty metric linear unit x fifty metric linear unit x three hundred metric linear unit for flexure tests

when natural action. Field condition is also simulated throughout the natural action. In this paper, the necessity of utilizing suitable stiffness for underlying layers is underlined in this study, as well as the impact of common additions like lime, cement, and fly ash on enhancing the strength and stiffness modulus of soil layers.

KEYWORD: Soil, Payment, Sub Grade, Stabilized Soil.

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