

Department : Civil

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Group No: 1

Guided By

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Project Title
IMPROVE IN PERMEABILITY OF RIGID PAVEMENT
BY IRC 58:2011

Abstract:

Our cities are being covered with building and the air-proof concrete road more and more. Because of the lack of water permeability and air permeability of the common concrete pavement, the rainwater is not filtered underground. If constant supply of water is not given to soil, plants may not grow naturally. A porous concrete is a new concept for a road pavement, with eliminating the problem related to water stagnation, lowering ground water table, drainage problem etc. Porous concrete as a paving material has seen renewed interest due to its ability to allow water to flow through it. We analysis the effect of aggregate grading on permeability of concrete. We try to drain out the water from pavement surface without using complicated drainage system.

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