

عنوان مقاله:

Investigation of perpetual pavement Using finite element modeling

محل انتشار:

دومین کنفرانس بین المللی یافته های نوین پژوهشی در مهندسی عمران، معماری و مدیریت شهری (سال: 1395)

تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

With considering numerous failures which exist in flexible pavements, a huge amount of money is spending on treatment and reconstructing pavements. Many researches have been performed to with improving pavement quality, increased the performance and pavements life. One type of long lasting pavements is perpetual pavement. In this research ABAQUS software is used to simulate pavement. . Materials are modeled as visco-elastic type and loading wheel is assumed to be moving. After gaining results, the effects of different parameters on pavements function is assessed. Modeling movements of loading wheel is very effective in viscoelastic condition, increase more accuracy of the finite-element model

کلمات کلیدی:

perpetual pavement, ABAQUS, empirical mechanistic system

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