ABSTRACT

Roads are access that connect between one and other places on land. Poad pavement are mainport of road construction. In stability of traffic depends on pavement condition, if the pavement in not condition (damage, hollow, smooth, crack on the surface, etc) then the stability of traffic will be disturb.

On planning the pavement, the pavement is divided in three type of pavement rigid pavement, flexible pavement and composite pavement that is used for they need, cost and time.

The research that will be discuss in this scholar script are flexible pavement which are this pavement is still been use in road construction. One research have been made program as analysis data that been use for analysis correlation between CBR, growth rate (i), design period, phase 1 on phases construction with structural number (SN) and cost.

From experiment, we may make conclusion that That SN linear with cost, CBR non-linear with SN, growth rate linear with SN and design period phase 1 on phases construction non-linear with total pavement cost.

*Keywords : Flexible Pavement, Economic, CBR, Growth Factor, Design Period, Konstruksi Bertahap*