

ABSTRACT

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(xviii + 73 + Attachment)

In the implementation of construction projects, there is often a mismatch between the planning schedule and its implementation resulting in delays with the planned time. The Belton Apartment Construction Project is planned to be completed within 273 days, but in its implementation the project has been delayed from week 5. The construction of this project experienced delays in the process of payment by the owner and delivery of materials. The purpose of writing this final project is to identify critical work using Microsoft Project, get results from project time and cost due to acceleration, and construct an S Curve after acceleration. The crashing method is the process of reducing or reducing the duration of a job that will affect the project completion time. This method is carried out to accelerate the duration of the project by adding 1 to 3 hours of overtime work on work that is on a critical trajectory using a miscrosoft project with the most effective and efficient alternative to overtime hours. The results obtained from the analysis on The Belton Apartment Construction project with the alternative of adding 1 hour of overtime work with a total cost increase of IDR 1,727,468,496 by cutting the project time to 262 days.

Keywords: Delays, Project Acceleration, Crashing Methods, Additions Business Hours.

Bibliography, 14 (2008 - 2022)