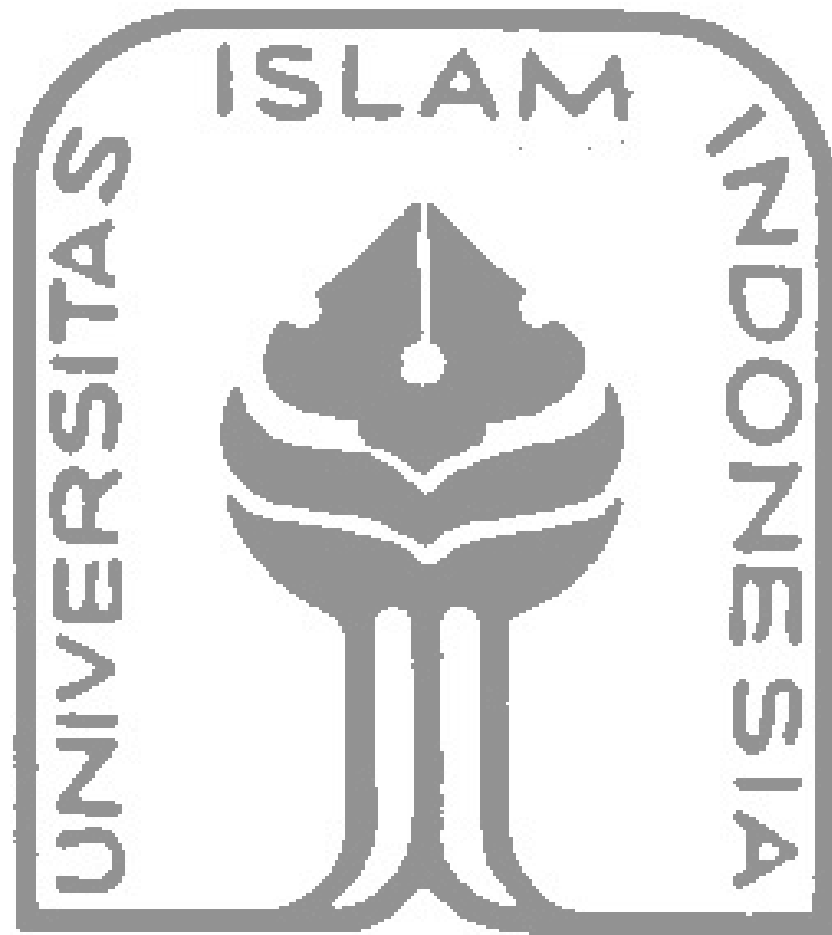


ABSTRACT

In the construction of the Kulon Progo District Health Office building, it is necessary to have several controlled stages, namely the planning, organizing, actuating, controlling, and maintenance stages. One form of project planning is project scheduling. Project scheduling provides information about the project progress plan schedule in terms of resource performance in the form of costs, labor, equipment and materials, as well as planned duration or time of project completion. However, in a project sometimes there is a delay. Delay can be detrimental to the owner or provider of construction services. Therefore there is a need for project acceleration. Project acceleration analysis used in this study is the addition of working hours to the shift method (morning and night). The first step of the analysis is to use Microsoft Project to create a schedule, then the process of calculating the addition of working hours with the shift method. Followed by an analysis of normal costs and acceleration costs. As a result of using the crashing method is the direct cost (direct cost) which in the normal duration of 165 days rose to Rp 5,248,406,285.23 or 0.4% greater than the normal cost of Rp 5,227,553,700.00. Meanwhile, for indirect costs (indirect costs) in the normal duration of Rp. 580,839,300.00 will experience a decrease in costs due to the accelerated duration of the project with a magnitude of decrease of 5.82% to 547,045,000.00. This change can affect the total project cost, which was originally Rp5,808,393,000.00 to Rp5,795,451,285.00, there is a difference in costs of Rp.54,646,885.00 or an increase of 0.94% from the initial cost.

Keywords: *acceleration, duration, cost, shifting*





وَمَا كُنَّا بِمُعْجِزِينَ لَكُمْ