

ABSTRACT

Andri Prasetyo, 713.5.1.0617, 2017. *Evaluation of Planning Retrofitting Cliffs / Kali River Embankment AmbatWith Gabion Construction Method Using Earned Value Analysis (Case Study Bronjong job execution in time AmbatLaokPoja Village Gapura District of Sumenep),* Department of Civil Engineering, Faculty of Engineering, University of WirarajaSumenep. (Advisor: **IrSutrisno, MT.danDediFalahuddin, MT.**).

Building Dam River Beraji is one of the Dam River Building from the river flow in the village Lanjuk. This river drains water from the upstream river Lanjuk. Beraji River Dam building is very important for the citizens of Beraji itself and its surroundings, because during the rainy season the river is able to accommodate large amounts of flood discharge. Dam river riverbanks Most of the area is used as agricultural land and residential area. Therefore the level of building security becomes the main focus of attention. One of the efforts made to protect the community and irrigation area is by preventing the existence of runoff and slope on the slope. The purpose of this study was to Knowing how much it costs to complete the work bronjong.dan to know How big is projected delay at the end of the work gabion when conditions such as the time of reporting.

The type of this research is quantitative descriptive, a study that describes the condition of a particular project with the analysis of existing data. Data analysis using analytical and descriptive method. The data analysis technique used is Earned Value Analysis, where this technique calculates the amount of cost according to the budget in accordance with the work that has been completed.

In the research project retrofitting cliff / Kali river embankment AmbatPoja Village Gapura District of Sumenep can result Variance Cost Rp. 50.669.244,19, - and Schedule Variance of Rp. 46.501.118,10, - with Estimate At Complete of Rp. 34.810.254,56, -. In addition, it can be concluded that shortening project schedule will result in increased Cash Flow project. So that the project manager must spend in the implementation of the project.

Keywords: Budget Cost Work Performed, Actual Cost Work Performed, Budget Cost Work Schedule, Estimate At Complete.

