

## **ABSTRACT**

*Construction management is very important in project development to achieve maximum results as planned. Project management includes planning, scheduling and controlling projects. Construction projects can be managed well and easily using Earned Value Concepts. Result value analysis is used with the aim of forecasting the extent to which the project is carried out in accordance with the work plan. Result value analysis (Earned Value Concept) is one of the methods used in controlling the implementation of the project by combining elements of cost, schedule, and work performance as elements that can be used to calculate costs in project implementation from start to finish. This research was conducted at the Physical Construction Project for the Construction of the Gentan Market - Sinduharjo, Ngaglik, Sleman, Yogyakarta. Aim to find out the project performance from the planned schedule. The data used in this study are the Budget Plan, Time Schedule, and Weekly Reports. Data processing can produce BCWP and BCWS values, analyzed using Microsoft Excel obtained SV values, SPI, and predicts completion of project end time (ETC and EAC). From the results of the control analysis during the construction of the Physical Construction Market in Gentan - Sinduharjo, Ngaglik, Sleman, Yogyakarta experienced delays at the 10th week of realization weighting of 90.381% and unresolved work -0.024%, the planned schedule remaining 2 weeks. This does not need to add time because there is only one negative variance value.*

**Keywords:** *Earned Value Concept, BCWP, BCWS, SV, SPI, ETC, EAC*