

## Abstract

Title : Project Cost Planning and Monitoring with EVA  
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Generally, construction project is rather large involving various activities and resources. The failure in monitoring the project may lead to more project time and higher cost. This study aims to consider the planning and monitoring of the project costs by using the cost data from a toll ways paying channel project as a case study.

This study involves Microsoft Excel program development to help making decision on cost control for a small construction project using the EVA (Earned Value Analysis) technique to analyze the comparison of the actual cost and work plan completion to generate a project cost status index.

From the developed program, it is possible to connect the real cost data and the work plan budget to display the work outcome in the work report more quickly. By doing this, it helps to acknowledge and monitor the project costs status during the constructing periods which will help contractors and project manager to make an up to time decision.