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FINANCIAL ANALYSIS OF RESIDENTIAL BUILDING

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ABSTRACT:- Financial analysis is a process which involves detailed estimation, floor wise quantities of concrete, steel and shuttering, with the help of these quantities budgeting of the project takes place. Cash flow of the project can be predicted if proper financial analysis is made. Earned Value Analysis is a standard method of measuring a project's progress at any given point of time, forecasting its cost overrun, final cost and analysis variance in the budget of the project. This project deals with detailed estimation, real time cost overrun study and EV Analysis for an apartment building.

Keywords—Estimation; EV analysis; Financial analysis, cost overrun.

APPLICATION OF BOX PUSHING TECHNIQUE ON ROAD UNDER BRIDGE CONSTRUCTION

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ABSTRACT:- The intersection of railway track and the road at the same level is referred to a level crossing apart from being an embryonic source of accidents & fatalities. Level Crossings are the costly affairs for the nation. This fact has been understood by one & all Railway men. In the urban areas the level crossing are generally monitored by qualified railway personnel who monitor the train movement and close the level crossing gate to stop the interfering road traffic but such closing of gates leads to congestion in road traffic and also causes loss of time to road users. As such, as an alternative for the compliance of the Code/Railway Act provisions of facilitating the public to cross the track, Indian Railway has decided to construct a RUB/ROB to eliminate the LC Gates. As the volume of the work is quite hefty, a strategy has to be decided for the implementation of the decision taken by the Railway Board accordingly. There are 3 main methods in construction of road under bridge. Box pushing method, Cut and cover method, rolling technique using RH girder.

Keywords—Jacking technique, Road Under Bridge, Level Crossing, Box Pushing Method, etc.