FEASIBILITY STUDY OF SOUTH SULAWESI RAILWAYS NETWORK PLANS, MAKASSAR PAREPARE

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ABSTRACT

South Sulawesi Province was one of barometer of Indonesian economic development. The largest Province in Sulawesi Island so was the east Indonesian area’s gate and so did to the Pacific. This geographical strategic position and strengthen with a superb economic development make South Sulawesi possible to become Prime Mover to decrease the economic gap between west and east area of Indonesia.

Unfortunately, this promising economic development is not backed up with a good and adequate infrastructure system. The transportation infrastructure was inadequate to serve the demand of man and goods movements. Along this day, highway transportation become the most important transportation mode in this area.

Because of that deal, the government plans to build a massive and efficient transportation in South Sulawesi, the trans Sulawesi Railways plans. Most priority of this project is builds railways to connect two big cities of South Sulawesi, Makassar to Parepare. This project will become a starting point of the major plans from Area Planning (RTRW) to connect a whole city with railways. That’s project also plans railways network at western and eastern coast of Sulawesi that will been built at 2050.
This final project was use a common methods like collecting the secondary data, problems identification, literature study, and data analysis. Data analysis including Area analysis, transportation analysis, route analysis, and a technical one. And then this study will get the benefit and cost data that will be used to economical and financial feasibility study.

The last product of this study is that according to technical and benefit cost analysis, the railways that connect Makassar and Parepare was feasible to built. From the economical analysis, the worst BCR’s number was 1,059 (3rd scenario). Meanwhile from financial analysis, the worst one was 2,93 from 3rd scenario. So this final project can become a recommendation to South Sulawesi Government to builds this route in the next day.

Keywords : Economic Feasibility Analysis, Financial Feasibility Analysis, Benefit, Cost, Railways Networks.