The economic analysis of the existing of motorcycle transportation in sidoarjo region, a case study of motorcycle transportation at candi area, sidoarjo region

Name of Student : Dillah Joedi W.R.
NRP : 3110206005
Faculty Consultation : Prof.Ir. Indrasurya B. Mochtar, MSc,PhD
Ir. Wahju Herijanto, MT

ABSTRACT

Transport motorcycles in Indonesia has become one of the informal public transport alternatives are in almost every city, both in cities and towns, including in Sidoarjo, East Java. The existence of motorcycle transport presumably because public transport supply system is still inadequate, while the need for public transportation continues to rise. The purpose and goal of this research is a. know the amount of demand and supply transport motorcycles, b. know the mechanism of the balancing Demand and Supply of transport motorcycles, and c. know the size of the economic performance of taxi transport.

By using quantitative descriptive analysis method include the need motorcycle transport supply and demand as well as the economic feasibility of such benefit cost ratio, net present value, and financial feasibility, the expected outcome of the study is an opportunity and a way to transport the legality of motorcycles, particularly in the district of Sidoarjo. Because taxi transport is not currently regulated in the legislation, so that transport can not follow the pattern of motorcycle formal transport. In fact, the existence of transport motorcycles in Sidoarjo can not be ignored. For that to think about how to transport legalitaskan motorcycle, so it can be proposed as an input to the general regulations on motor vehicles for transport of goods and / or services are free of charge in accordance with Article 1 point 9 of Law No. 22 Year 2009 on Road Traffic and Road Transportation.

More results are expected from this research is the financial viability of taxi transport. Taxi services in Sidoarjo is highly flexible and beneficial for the user and the provider, because transport motorcycles have flexible routing - not restricted to specific routes as other public
transportation, have a flexible schedule and be able to provide services from door-to-doors. This condition leads to transport motorcycles continues to grow and evolve, because taxi transport is considered to have economic outlook as a provider of employment opportunities. To find out how this motorcycle to transport prospects in the future, need to be analyzed financial feasibility. Is this motorcycle transport would still be worth it financially for a long time.

Keywords: motorcycle transport, public transport, transport regulations, financial feasibility.