

Abstract

Waru-Sidoarjo road is the one of the main road in Sidoarjo that the function is to connect outer Sidoarjo and the city of Sidoarjo. According to the class of the road, Waru-Sidoarjo road is the primary arterial road. There are some classifications in primary arterial road that has to meet the requicity where the road will be able to function properly. This classification is written in road Code and Road Regulation which belong to Indonesia.

One of this condition in this road where traffic jam occurs, that will disturb the traffic to and from Sidoarjo. But in this case the real condition is not the same with the condition of the road condition Waru-Sidoarjo in present time.

The evaluation in this road is needed. Evaluation is done on the road geometry condition inventory, the value of degree of saturated occur and the degree level of service on Waru-Sidoarjo in present time. The result of evaluation compared with the requicity of Waru-Sidoarjo classification wether or not this conditions meet.

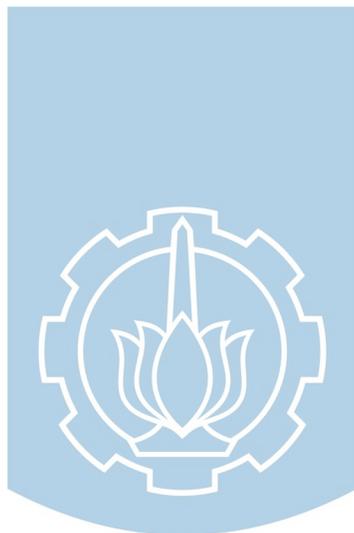
Analyzing on waru-sidoarjo road based on Regulation Number 38 / 2004, Government Regulation Number 34 / 2006, NAASRA 1988, The Method of iter city geometric road planning Bina Marga 1977, Minister Regulation Number 14 / 2006. From the analyzing result , then determine the degree of compability when using the Guttman Scale. From that analyzing result found some cases that does not meet the classification, those are :

Traffic jam still occurs, minimum speed still less then the requicity of the primary arterial speed. For this reason, solution has to be found in order Waru-Sidoarjo will meet the classification requicity as the primary arterial road. Some suggestion given are :

The attention of the Sidoarjo City Government is needed to ovecome this problem in Sidoarjo, rising the level of service

quality on public transportation, public market along the Waru-Sidoarjo that will reduce the traffic jam.

Key Word : Waru-Sidoarjo, Primary Arterial Road, Rod Classification



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