

An analysis of the influence of distance among u-turns on the performance of the road

(A case study in road zainal abidin pagar alam fence Bandar Lampung)

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ABSTRACT

The movement of u-turns , on the openings of the median on roads Zainal Abidin natural fence , which often causes congestion. This research carried out aimed at ascertaining whether the distance between u-turns there is currently in accordance with the existing rules, and the influence of inflicted on the performance on the road . Research is expected to be a reference or consideration the government of the city of Bandar Lampung to take a policy on the road, to avoid traffic congestion that became worse and injurious to the road users.

The study is done at median openings / u-turns in front of Museum Lampung until front of kfc, choice of location for the is based on road which is often deadlocked, a result of the influence of u-turns (turn turning). The study is done at pick up time the top namely morning (07.00-08.00 Am), lunch (12.00-13.00 Pm), and the early afternoon (17.00-18.00 Pm) during three days from on tuesday and thursday to represent working days and saturday to represent a holiday. Methods used in this study in the form of calculation traffic from the data on the ground using MKJI 1997.

From the results of the survey obtained the DS (R.basa- T.karang: 0,72 smp / hour and the DS (T.karang- R.basa): 0.76 smp / hour in the street (the level of service).The gap between the openings median / u-turns review some of which are not in accordance with the guidelines for construction and building, the settlement and infrastructure in the region are less than 500 meter and advise closed. The distance between the openings median / u-turns question: Museums Lampung - Kawasaki: 250 m, Kawasaki - Lb.Lia: 150 m, Tri Dharma-Dharma Bangsa School: 250 m, Dharma Bangsa school - KFC : 450 m. At the time of the summits of long hours standing in line when vehicles turn turning / u-turns survey on the site of up to 5 a vehicle with long 25 m.

Keywords : U-Turn, Volume, The degree of saturation, speed, Level of service.