

Vehicle Parking Study During the Period of Covid-19 Pandemic; Case of Pasar Turi Train Station in Surabaya

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Abstract

Pasar Turi is one of the names of the train station located in the city of Surabaya. This station has been established since the Dutch colonial era. The problem is the limited capacity for now. The number of train passengers using motorized vehicles requires available parking. The purpose of this study is to determine the performance of capacities two and four. The method used in this study is a direct survey at the observation site. The results of the study are the parking patterns used are 90° angle patterns and 60° angle patterns for cars while motorcycle 00 angle patterns. The most accumulated parking for motorbikes on Sunday is 338 vehicles and cars with 96 vehicles. The time duration for the car is shorter, 3:32:26 while the motorcycle is 4:45:36. For Turnover Parking on motorbikes 0.03518 Vehicles / plots / hour and for cars 0.0763333 Vehicles / plots / hour. For parking indexes at maximum conditions, for motor vehicles 65% and 77% cars. This shows that parking performance can still accommodate vehicles.

Keywords : parking, survey, accommodate

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Biography / Biographies

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