

ABSTRAK

Salah satu bentuk kebutuhan parkir yaitu di Pasar Pasir Gantung Bandar Lampung merupakan pusat perbelanjaan yang ada di Jl. Pisang Tanjung Karang Pusat. Tingginya jumlah pengunjung pasar ini bisa dilihat dari banyaknya yang memarkirkan kendaraan di pasar maupun disekitar pasar, lahan parkir yang terdapat di Pasar Pasir Gantung sudah tidak mampu menampung jumlah kendaraan yang akan parkir. Akibat dari kapasitas parkir yang tidak mencukupi sejumlah kendaraan diparkir pada badan jalan dan pedagang kaki lima yang berjualan dipinggir jalan yang menyebabkan kemacetan. Dengan adanya permasalahan tersebut, maka perlu dilakukan penelitian mengenai karakteristik dan kebutuhan parkir di Pasar Pasir Gantung. Dengan demikian, penelitian ini ditujukan untuk mengetahui karakteristik dan kebutuhan parkir serta merencanakan area parkir di Pasar Pasir Gantung Bandar Lampung.

Hasil dari penelitian ini, diperoleh karakteristik parkir dengan akumulasi maksimum untuk motor sebanyak 304 dan mobil sebanyak 45, Volume motor sebanyak 748 dan 77 untuk mobil, Rata-rata durasi parkir maksimum untuk motor adalah 2,16 jam sedangkan mobil selama 1,69 jam, Kapasitas parkir rata-rata untuk motor sebesar 81 petak/jam sedangkan mobil sebesar 8 petak/jam, Indeks parkir rata-rata motor yaitu 1,90 sedangkan pada mobil adalah 3,46. Pada tingkat pergantian parkir tertinggi motor sebesar 0,75 kend/SRP/jam dan mobil sebesar 0,79 kend/SRP/jam. Kebutuhan petak parkir motor dan mobil tidak memenuhi kebutuhan berdasarkan hasil perbandingan didapat bahwa petak parkir motor sebanyak 156 SRP dan mobil 13 SRP, berdasarkan perhitungan dilapangan kebutuhan parkir motor sebanyak 234 SRP dan mobil 19 SRP. Perencanaan parkir meliputi jumlah pintu parkir, penempatan zona parkir, dan sirkulasi keluar masuk kendaraan dengan jumlah petak parkir motor 234 SRP dan mobil 19 SRP berdasarkan data perhitungan kebutuhan parkir di lapangan.

Kata Kunci: Karakteristik Parkir, Volume Parkir, Durasi Parkir, Kebutuhan Parkir, Perencanaan Parkir.

ABSTRACT

One form of parking requirement is at Pasir Gintung Market in Bandar Lampung, a shopping center on JL. Pisang Tanjung Karang Pusat. The high number of visitors to this market can be seen from the large number of people parking their vehicles in the market and around the market. The parking area at Pasir Gintung Market is no longer able to accommodate the number of vehicles that will be parked. As a result of insufficient parking capacity, a number of vehicles are parked on the road and street vendors selling on the side of the road causing congestion. Given these problems, it is necessary to conduct research regarding the characteristics and parking needs at Pasir Gintung Market. Thus, this research is aimed at knowing the characteristics and parking needs and planning the parking area at Pasir Gintung Market in Bandar Lampung.

The results of this study, parking characteristics were obtained with a maximum accumulation of 304 motorbikes and 45 cars, 748 motorbike volumes and 77 cars. The average maximum parking duration for motorbikes was 2.16 hours while for cars 1.69 hours. The average parking capacity for motorbikes is 81 plots/ hour while for cars is 8 plots/ hour, the average parking index for motorbikes is 1.90 while for cars is 3.46. At the highest parking turnover rate, motorbikes were 0.75 vehicles/ SRP/ hour and cars were 0.79 vehicles/ SRP/ hour. The need for motorbike and car parking plots does not meet the needs based on the results of the comparison, it is found that there are 156 SRP motorbike parking lots and 13 SRP cars, based on field calculations the need for motorbike parking is 234 SRP and 19 SRP cars. Parking planning includes the number of parking gates, placement of parking zones, and circulation of vehicles in and out with a total of 234 SRP motorbike and 19 SRP car parking lots based on parking requirement calculation data in the field.

Keywords: *Parking Characteristics, Parking Volume, Parking Duration, Parking Needs, Parking Planning.*