

INTISARI

KEVIN KURNIA LIYADI, 2019, *Analisis Pendapatan Parkir dan Evaluasi Prasarana Jalan Marga Utama Yogyakarta*. (dibimbing oleh Ir. Heru Budi Utomo, MT)

Parkir adalah keadaan tidak bergerak suatu kendaraan yang bersifat sementara karena ditinggal oleh pengemudinya. Ruas kanan dan kiri di sepanjang Jalan Marga Utama menjadi ruang parkir (*off the street parking*) karena terdapat beberapa bangunan milik pemerintah maupun swasta, hotel, pertokoan, warung makan, angkringan dan aktivitas bisnis lainnya serta termasuk dalam zona parkir wilayah 1 sesuai dengan Peraturan Daerah Nomor 18 Tahun 2009. Tujuan dari penelitian ini adalah untuk menganalisis akumulasi parkir, volume parkir, durasi dan kapasitas parkir, perputaran parkir, indeks parkir, pendapatan parkir, serta mengevaluasi kondisi prasarana jalan pada Jalan Marga Utama.

Metode yang dipakai pada penelitian ini adalah metode observasi. Proses pengumpulan data primer dilakukan dengan melakukan pengamatan (*survey*) langsung di lapangan terhadap kendaraan sepeda motor dan mobil yang parkir di sepanjang Jalan Marga Utama selama kurun waktu tertentu (jam). Dilakukan pula pengukuran jalan untuk mengetahui luas tempat parkir pada setiap segmen serta wawancara kepada petugas parkir untuk mengetahui jumlah pendapatan parkir. Selain itu juga dilakukan observasi terhadap kondisi prasarana jalan yang meliputi rambu jalan, fasilitas pejalan kaki, lampu penerangan, Tempat Perhentian Kendaraan Penumpang Umum (TPKPU), dan segmen parkir. Analisis data dilakukan berdasarkan hasil studi literatur.

Hasil analisis menunjukkan akumulasi parkir sepeda motor tertinggi terjadi pada pukul 19:00-20:00 WIB dengan jumlah 27 kendaraan dan akumulasi tertinggi untuk mobil sebanyak 16 kendaraan pukul 22:00-23:00 WIB. Volume parkir sepeda motor tertinggi pada pukul 19:00-20:00 WIB sebanyak 64 kendaraan dan untuk mobil sebanyak 51 kendaraan pukul 03:00-04:00 WIB. Durasi parkir rata-rata maksimum sepeda motor yaitu 113,14 menit/kendaraan, sedangkan durasi parkir rata-rata maksimum mobil 145,73 menit/kendaraan. Kapasitas parkir sepeda motor maksimum sebanyak 47 kendaraan, sementara untuk mobil sebanyak 32 kendaraan. Nilai *Parking Turnover* sepeda motor tertinggi sebesar 0,5 kendaraan/SRP/jam dan untuk mobil yang tertinggi memiliki nilai 0,62 kendaraan/SRP/jam. Indeks Parkir sepeda motor tertinggi sebesar 133%, sedangkan Indeks Parkir mobil tertinggi sebesar 200%. Nilai pendapatan parkir sepeda motor tertinggi sebesar Rp112.000,00 dan untuk mobil yang tertinggi senilai Rp240.000,00. Sebagian besar prasarana jalan yang ada pada Jalan Marga Utama dalam kondisi baik.

Kata Kunci: tempat parkir, akumulasi parkir, volume parkir, durasi parkir, kapasitas parkir, perputaran parkir, indeks parkir, pendapatan parkir, prasarana jalan

ABSTRACT

KEVIN KURNIA LIYADI, 2019, *Analysis of Parking Revenue and Infrastructure Evaluation of Marga Utama Yogyakarta Road*. (Supervised by Ir. Heru Budi Utomo, MT)

Parking is a situation where the vehicle is not moving temporarily because it is left by the driver. Right and left segments along Marga Utama Road become parking spaces (off the street parking) because there are several government and private buildings, hotels, shops, food stalls, and other business activities and are included in the zone 1 of parking zone in accordance with Regional Regulations Number 18 of 2009. The purpose of this study is to analyze the accumulation of parking, parking volume, parking duration and capacity, parking turnover, parking index, parking revenue, and evaluate the condition of road infrastructure on Marga Utama Road.

The method used in this study is the observation method. The process of primary data collection is carried out by conducting direct observations (surveys) in the field of motorbike and car vehicles parked along Marga Utama Road for a certain period of time (hours). Road measurements were also carried out to determine the parking area in each segment and interview parking attendants to find out the parking revenue. In addition, observations were also made on the condition of road infrastructure including road signs, pedestrian facilities, lighting, Public Passenger Vehicle Stop, and parking segments. Data analysis was carried out based on the results of a literature study.

The results of the analysis show that the highest accumulation of motorcycle parking occurred at 7-8 pm with a total of 27 vehicles and the highest accumulation for cars as many as 16 vehicles at 10-11 am. The highest motorcycle parking volume at 7-8 pm as many as 64 vehicles and for cars as many as 51 vehicles at 3-4 am. The maximum average parking duration for motorbikes is 113,14 minutes/vehicle, while the maximum parking duration for cars is 145,73 minutes/vehicle. The maximum motorcycle parking capacity is 47 vehicles, while for cars there are 32 vehicles. The highest motorcycle turnover parking value is 0,5 vehicles/SRP/hour and the highest car has a value of 0,62 vehicles/SRP/ hour. The highest motorcycle parking index is 133%, while the highest car parking index is 200%. The highest motorcycle parking revenue value is Rp112,000.00 and for the highest car is Rp240,000.00. Most of the road infrastructure on Marga Utama Road is in good condition.

Keywords: *parking area, parking accumulation, parking volume, parking duration, parking capacity, turnover parking, parking index, parking revenue, road infrastructure*