

ABSTRAK

Parkir merupakan suatu kondisi yang sangat penting untuk dikaji lebih mendalam, hampir setiap aktivitas kegiatan di ruang terbuka memerlukan sarana parkir. Dengan adanya pergerakan kendaraan bermotor di jalan, maka kebutuhan yang diperlukan adalah ruang parkir. GOR Rangka Jaya Anoraga merupakan gelanggang olahraga yang terletak di Kecamatan Tuban. Kecamatan ini berada pada zona tarikan yang sebagian didominasi oleh sektor perdagangan dikarenakan selain menjadi pusat kegiatan olahraga, kawasan Gor Rangka Jaya Anoraga juga menjadi lahan bagi pedagang kaki lima. GOR Rangka Jaya Anoraga terletak di ruas Jalan Sunan Kalijogo dan jalan Teuku Umar dengan status jalan perkotaan dan nasional.

Dalam penelitian ada dua data yaitu data primer dan data sekunder dengan mengacu kepada permasalahan dalam pengaturan dan penataan parkir yang akan dilakukan. Dalam pengumpulan data, data yang perlu dipersiapkan yaitu inventarisasi parkir, survei patroli parkir dan survei *traffic counting* (tc). Selanjutnya dilakukan analisis data kondisi eksisting dan menghasilkan data berupa tingkat pelayanan ruas jalan yang mencakup tingginya volume kendaraan, kapasitas kendaraan, kepadatan ruas jalan, kecepatan kendaraan, derajat kejenuhan atau V/C Ratio, kapasitas statis, kapasitas dinamis, volume parkir, indeks parkir, permintaan terhadap penawaran Kebutuhan Ruang Parkir yang memadai.

Selanjutnya diberikan usulan yaitu pengalihan parkir *on street* menjadi parkir *off street* pada daerah GOR Rangka Jaya Anoraga serta usulan desain parkir *off street* pada kawasan Gor Rangka Jaya Anoraga. Setelah itu dilakukan perbandingan hasil analisis ruas jalan Sunan Kalijogo eksisting dan setelah dialihkan parkir *on street* menjadi parkir *off street*.

Kata Kunci : manajemen lalu lintas, parkir *on-street*, parkir *off-street*, kinerja lalu lintas, GOR Rangka Jaya Anoraga

ABSTRACT

Parking is a condition that is very important to study in more depth, almost every open space activity requires parking facilities. With the movement of motorized vehicles on the road, the need is parking space. GOR Rangka Jaya Anoraga is a sports arena located in Tuban District. This sub-district is in an attractive zone which is partly dominated by the trade sector because apart from being a center for sports activities, the Gor Rangka Jaya Anoraga area is also a place for street vendors. Rangka Jaya Anoraga GOR is located on Jalan Sunan Kalijogo and Jalan Teuku Umar with urban and national road status.

In the research there are two data, namely primary data and secondary data with reference to problems in the parking arrangements and arrangements that will be carried out. In collecting data, the data that needs to be prepared is parking inventory, parking patrol survey and traffic counting (TC) survey. Next, data analysis of existing conditions is carried out and produces data in the form of road service levels which include high vehicle volume, vehicle capacity, road density, vehicle speed, degree of saturation or V/C Ratio, static capacity, dynamic capacity, parking volume, parking index, demand for supply of adequate parking space requirements.

Next, a proposal was given, namely the transfer of on street parking to off street parking in the Rangka Jaya Anoraga Sports Hall area as well as a proposed design for off street parking in the Rangka Jaya Anoraga Sports Hall area. After that, a comparison was made of the results of the analysis of the existing Sunan Kalijogo road section and after switching from on-street parking to off-street parking.

Keywords: *traffic management, on-street parking, off-street parking, traffic performance, Rangka Jaya Anoraga Sports Hall*