

ANALYSIS OF ROAD SECTION PERFORMANCE DUE TO RAD PARKING ON ROADS

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ABSTRACT

In the current era, the number of transportation is increasing which often causes traffic problems. The highway is one of the infrastructure, especially land transportation so that the model and structure of the highway must be good. Transportation is one of the needs to facilitate human activities, especially in the economy, education, social, culture, both in rural and urban areas. Road performance is a way to measure quantitatively which describes certain conditions that often occur on a road segment. There are 2 types of parking, namely on-street parking and off-street parking.

This research is a descriptive quantitative research. Data analysis used the PKJI 2014 method. The primary data needed are traffic volume, side friction, travel time, and road geometric. Secondary data is in the form of a map of the research location, road performance between holidays and working days, future road performance.

From the results of the study, it was obtained traffic data on Jalan Pasar Sukorejo, Sukorejo Sub-District, Pasuruan Regency, which has an effect on road performance which is often caused by the fact that there are still many people who park carelessly on the road body (on street parking). Then the results of the data analysis of the highest volume of traffic flows occur on weekdays with a total of 18,341 pcu/hour.

Keywords: road performance, parking, PKJI 2014.

ANALISIS ROAD SECTION PERFORMANCE AKIBAT PARKIR SEMBARANGAN PADA BADAN JALAN

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ABSTRAK

Di Era saat ini semakin meningkat jumlah transportasi yang sering menimbulkan masalah lalu-lintas. Jalan raya adalah salah satu prasarana khususnya transportasi darat sehingga model dan struktur jalan raya harus baik. Transportasi yaitu salah satu kebutuhan untuk mempermudah kegiatan manusia terutama pada perekonomian, pendidikan, sosial, budaya, baik di pedesaan maupun diperkotaan. Kinerja jalan (*road performance*) adalah suatu cara untuk mengukur secara kuantitatif yang menggambarkan kondisi tertentu yang sering terjadi pada suatu ruas jalan. Jenis Parkir ada 2 yakni Parkir pada badan jalan (*on-street parkir*) dan Parkir di luar badan jalan (*off-street parkir*).

Penelitian ini merupakan penelitian kuantitatif deskriptif. Analisa data menggunakan metode PKJI 2014. Data primer yang dibutuhkan yaitu volume lalu lintas, hambatan samping, waktu tempuh, dan geometric jalan. Data sekunder berupa peta lokasi penelitian, kinerja jalan antara hari libur dan hari kerja, kinerja ruas jalan kedepannya.

Dari hasil penelitian diperoleh data lalu lintas di jalan pasar sukorejo kecamatan sukorejo kabupaten pasuruan yang berpengaruh pada kinerja ruas jalan(*road performance*) yang sering disebabkan karena masih banyak masyarakat yang parkir sembarangan pada badan jalan(*on street parking*). Kemudian hasil data analisis volume arus lalu lintas yang paling tinggi terjadi pada hari kerja total 18.341 smp/jam.

Kata Kunci : kinerja jalan, parkir, PKJI 2014.