

ABSTRAK

STUDI OPTIMALISASI FASILITAS PARKIR DI AREA PARKIR CHANDRA *DEPARTMENT STORE* PUSAT, BANDAR LAMPUNG

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Permasalahan perparkiran akibat kendaraan yang parkir di bahu jalan sangat berpengaruh pada terhambatnya laju pergerakan kendaraan yang melintasi lokasi dengan aktivitas yang tinggi, salah satunya di lokasi pusat perbelanjaan Chandra *Department Store* Pusat, Bandar Lampung. Tujuan dilakukannya penelitian ini adalah untuk mengetahui apakah fasilitas parkir yang ada telah mencukupi dan menganalisis solusi penanganan parkir berdasarkan masalah yang ada di Chandra *Department Store* Pusat. Metode yang digunakan dalam penelitian yaitu pendekatan analisis deskriptif, lalu dianalisis menggunakan pendekatan kualitatif. Penelitian dilakukan di area parkir Chandra *Department Store* Pusat pada hari Minggu, 01 Oktober 2023 dengan waktu pengamatan selama 14 jam atau 840 menit dimulai pukul 08.00-22.00 WIB. Hasil dari penelitian ini didapatkan akumulasi maksimum mobil sebanyak 454 kendaraan dengan indeks parkir sebesar 95%, sedangkan akumulasi motor sebanyak 252 kendaraan dengan indeks parkir sebesar 63%. Volume parkir mobil sebanyak 2.249 kendaraan dengan PTO sebesar 4,73 kend/hari/SRP dan volume motor sebanyak 1045 kendaraan dengan PTO sebesar 2,61 kend/hari/SRP. Durasi rata-rata parkir mobil selama 123 menit dan motor selama 87 menit. Kapasitas parkir untuk mobil sebesar 3.243 kendaraan. Sedangkan motor sebesar 3.862 kendaraan. Dengan perbandingan angka kapasitas yang lebih besar dari volume parkir, sehingga area parkir di Chandra *Department Store* Pusat masih memadai untuk menampung permintaan parkir.

Kata kunci : Optimalisasi parkir, Karakteristik parkir, Chandra *Department Store*.

ABSTRACT

OPTIMALIZATION STUDY OF PARKING FACILITIES IN THE PARKING AREA OF CENTRAL CHANDRA *DEPARTMENT STORE*, BANDAR LAMPUNG

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The Central Chandra *Department Store* Bandar Lampung is one of the areas where parking issues presented on by vehicles stationed on the side of the road have severely hampered the rate of vehicle traffic. This study aims to assess how Central Chandra *Department Store*'s parking performance, which is impacted by parking characteristics. The method applied in this research is a descriptive analysis approach, which is then followed by qualitative approach. The research was performed on Sunday, October 01, 2023, from 08:00 AM to 10:00 PM WIB, for a total of 14 hours or 840 minutes, at the Central Chandra *Department Store* parking area. According to the research's findings, the great majority of parked cars is 454, with a parking index of 95%, while the total number of parked motorcycles is 252, with a parking index of 63%. The number of cars in the parking area is 2.249, with a PTO of 4,73 vehicles/day/space, while the number of motorcycles is 1.045, with a PTO of 2,61 vehicles/day/space. The average amount of time for a parking car is 123 minutes, while for motorcycles is 87 minutes. The capacity of parking space available are 3.234 for cars and 3.862 for motorcycles. Using a comparison of the capacity number that is higher than the parking volume, it can be concluded that the Central Chandra *Department Store* parking area is still equipped to satisfy parking demands.

Key words : Parking optimalizatitaton, Parking characteristics, Chandra
Department Store