ABSTRAK

Penelitian ini bertujuan untuk mengidentifikasi kondisi lahan parkir dengan mengusulkan desain yang ideal dalam segi tata letak dan penampilan serta menghitung rencana anggaran biaya dalam segi material untuk perancangan desain lahan parkir roda dua di Universitas Widyatama Bandung. Metode dalam penelitian ini meliputi survei lapangan, observasi, dan analisis data. Survei lapangan dilakukan untuk mengumpulkan data mengenai jumlah kendaraan roda dua yang parkir di area kampus. Observasi dilakukan untuk mengamati dan mengidentifikasi pola parkir yang ada. Analisis data yang terkumpul digunakan untuk memahami kebutuhan pengguna kendaraan roda dua dan merancang desain lahan parkir yang ideal dalam segi tata letak dan penampilan. Hasil penelitian menunjukkan bahwa area lahan parkir kendaraan roda dua di Kampus Universitas Widyatama Bandung masih dapat menampung kendaraan dalam jumlah banyak meski di hari yang padat aktivitas dengan durasi parkir kendaraan rata-rata cukup lama serta indeks parkir yang tinggi. Saat ini lahan parkir kendaraan roda dua di Universitas Widyatama Bandung memiliki desain lahan parkir dengan pola parkir 90 derajat berbasis *"off-street parking"* yang sesuai Pedoman Teknis Fasilitas Parkir dari Direktorat Jenderal Perhubungan Darat Tahun 1996. Jumlah total anggaran biaya yang dibutuhkan dalam perancangan desain lahan parkir ini dibutuhkan dana sebanyak 2.140.755.000,00 untuk kebutuhan material saja. Hal ini melibatkan pengadaan fasilitas tambahan, pengaturan ulang jalur sirkulasi, dan pemasangan fasilitas pendukung seperti penerangan dan marka parkir.

Kata kunci : ***Kendaraan roda dua, Kampus Universitas Widyatama, Lahan parkir, Kebutuhan parkir, Desain.***

ABSTRACT

This research aims to identify the condition of the parking lot by proposing an ideal design in terms of layout and appearance and calculating the cost budget plan in terms of materials for the design of two-wheeled parking lot design at Widyatama University Bandung. The methods in this study include field surveys, observations, and data analysis. Field surveys were conducted to collect data on the number of two-wheeled vehicles parked in the campus area. Observations were made to observe and identify existing parking patterns. Analysis of the collected data is used to understand the needs of two-wheeled vehicle users and design an ideal parking lot design in terms of layout and appearance. The results showed that the two-wheeler parking lot area at Widyatama University Bandung Campus can still accommodate a large number of vehicles even on a busy day with a long average vehicle parking duration and a high parking index. Currently the two-wheeled vehicle parking lot at Widyatama University Bandung has a parking lot design with a 90-degree parking pattern based on "off-street parking" which is in accordance with the Technical Guidelines for Parking Facilities from the Directorate General of Land Transportation in 1996. The total cost budget required in this parking lot design is 2,140,755,000.00 for material needs alone. This involves procuring additional facilities, rearranging circulation paths, and installing supporting facilities such as lighting and parking markings.

Keywords : ***Two-wheeled vehicles, Widyatama University Campus, Parking lot, Parking demand, Design.***