ABSTRACT

PARKING AND PEDESTRIAN OPTIMIZATION STUDIES IN THE FACULTY OF CIVIL ENGINEERING UNIVERSITY OF LAMPUNG

By

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Faculty of Civil Engineering Department as one of the majors at the University of Lampung which has the number of students, faculty and others are quite large, this has resulted in demand for parking at the Faculty of Engineering Department of Civil is a problem that can not be ignored because of the Faculty of Civil Engineering Department as a center of community activity academic need a good arrangement and the campus community college population continues to increase each academic year.

This study aims to investigate the characteristics of the motor vehicle users both motorcycles and cars in the Faculty of Engineering Department of Civil, knowing parking needs in the Faculty of Engineering Department of Civil, find out if parking and pedestrian facilities in the Faculty of Engineering Department of Civil been sufficient,, analyze parking management solution and pedestrian in the Faculty of Civil Engineering Department.

Characteristics of motor vehicle users both motorcycles and cars derived from a comparison between the accumulation of the highest parking vehicles with the number of parking spaces available, vehicle car I is 14 pieces of land, land second car that is 20 pieces, motorcycle land I is 20 pieces, motorcycles land II is 27 pieces, motorcycles III, 11 pieces of land and land motorcycle IV is 4 pieces. Based on a survey and analysis parking requirements for the Faculty of Engineering Department of Civil to cars I and II land at 192% / day, for the motorcycle land I of 11.2% / day, for the motorcycle land II, III and IV of 126% / day .

Keywords : Transportation, Parking, Pedestrian