

SPATIAL LOCATION AND PATRONAGE OF PUBLIC CAR PARKS IN AKURE METROPOLIS

Abstract

The study examines spatial location and patronage of public car parks in Akure metropolis. Information about the different parking patterns of the parking facilities present at Akure metropolis thereby considering Arakale side was particularly the focus. The study revealed that out of the four parks examined, Park 2 which is located in Oja side of Akure metropolis accumulates more vehicles parking than other parks. This can be as a result of high commercial and business activities in the area. It is therefore expedient that if government can increase the parking lots and enforce vehicle users to make use of parking facilities, there will be more revenue generation and the road will be ease of burden regarding on-parking. In the case where the parking demand is at the increase, most of the people have their own vehicles, so there is a huge demand of proper parking space. Proper design of parking space is very important for good transporting system. Examination of parking pattern in Akure metropolis was carried out with the comparison of means for parking spaces in respect to PCU and t-test statistics. After comparing the different parking spaces in terms of PCU by “t-test”, the different parking patterns inside the parking spaces of Akure metropolis were observed. The parking pattern of Park 2 (Oja) has no different parking pattern while Park 1 and Park 3 have different parking patterns. The pattern of parking in the parking lots were different, which implies that there is different demand of parking facilities while the places where the parking pattern is same, and there is the same demand of parking facilities. As evidenced in the developed countries, the innovative parking concepts that can be adopted in Nigeria is Automated Parking System (APS). APS is pertinent in the situation where population increases which have direct impact on the level of vehicular usage and vehicle ownership. APS will enhance efficient parking and will accommodate consideration for potential challenges such as safety, theft and vandalism concerns that do emanates from off-parking. The study recommends that there should be proper alignment for parking of different vehicles, there should be proper drainage system, there should be shades, there must be green environment, etc. to improve the parking facilities. Also, there is need for a policy shift from a conventional parking system to the automated parking system that will be cost effective, safe, and assessable for all vehicle owners especially in the Oja park of Akure metropolis.

THIS IS 84 PAGES DOCUMENT (Introduction to Conclusion)

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