

ABSTRACT

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Title : **Assessment Of Pedestrian Level Of Service (P-Los) Around Cipete Raya Corridor : Using Highway Capacity Manual (HCM) And Dixon Methods**

The shift in land use in the process of spatial use is an issue that still occurs today. The discrepancy between spatial planning and the reality on the ground often occurs. The pedestrian path in the corridor of Jalan Cipete Raya is an example of a mismatch between spatial planning and the existing one. Pedestrian lanes have been converted into parking lots and street vendors. This disrupts the function of the pedestrian path as a circulation area and also as a social space in a city. In this study, two methods are used to analyze the service level of the pedestrian path, namely the Highway Capacity Manual Method and the Dixon Method. The research method used in this research is quantitative research. Primary data collection was carried out by direct observation to the study site to collect the required data.

The data analysis method is by analyzing the data that has been obtained and the analysis using a qualitative method which is an approach method based on the theory of experts. the LOS A category and the Speed and Space aspect fall into the LOS F category. Based on the P-LOS calculation using the Dixon method, it was found that the level of service on Jalan Cipete Raya is included in LOS D. Special regulations are needed regarding the rules for parking vehicles, both motorbikes and cars and There are also regulations regarding street vendors who occupy pedestrian streets. This is done so that the existing pedestrian path can be used as well as possible by its users without any disturbance.

Keyword : *Level of service, Land use shift, HCM, Dixon*