ABSTRACT

PERFORMANCE ANALYSIS OF PEDESTRIAN PATHS FACILITIES 
(CASE STUDY: JENDERAL AHMAD YANI’S ROAD BATURAJA CITY OGAN
KOMERING ULU DISTRICT SOUTH SUMATERA)

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Ogan Komering Ulu Regency, especially Baturaja City on Jalan Jenderal Ahmad Yani is
an area that is quite congested with traffic because many public spaces such as schools,
offices, shopping centers and hospitals are on this road. The path of Jenderal Ahmad Yani
is located in the center of Baturaja City so that in this area the function of the pedestrian
pathway is very influential on the behavior of road users, especially pedestrians.
However, seeing the situation in this area there are several pedestrian pathways that do
not work according to their function. The existing pedestrian route also ignores the
comfort aspect and decreases the space for pedestrians because of the misuse of the
function of the elements of the public space, namely the pedestrian route used by street
vendors, placement the place of large flower pots which almost consume half of the
sidewalk with a tight distance, as well as irregular vehicle parking, conditions of
pedestrian facilities that are not suitable in some places such as sidewalk width that is not
in accordance with the standard, slippery sidewalk floor material so that it can endanger
road users in rainy or wet floors, the condition of the zebra crossing paint has been
blurred and does not meet the criteria of the standard pedestrian facility principle, lack of
security guards who regulate traffic, especially during rush hour and poor lighting at night
days and dark times so this is very disturbing the comfort and safety of both pedestrians
and other road users. Therefore this is very interesting to be studied further, about the
conditions and all the problems that exist and the solutions that exist on the pedestrian
path on this road.

The method used is direct survey of the field to retrieve primary data such as vehicle
average daily traffic survey data, survey of pedestrian crossing and sidewalk and zebra
crossing users, geometric road surveys and interview interviews with experts and road
users. The analysis used in this study uses importance performance analysis using
cartesian diagram.

The results of this study are the construction of pedestrian facilities on Jalan Jenderal
Ahmad Yani using zebra crossing road crossing facilities that are in accordance with the
standard because the value of $PV^2$ is still < 2 x 108 which means it is recommended to use
zebra cross based on engineering zebra crossing facilities in DPU urban areas -1997

Keywords: Performance, Service, Pedestrian, Sidewalk, Zebra Cross, Baturaja

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