

ABSTRACT

The condition of the road is very influential to many people. Currently many roads are damaged due to the weather, the volume of passing vehicles and the age of the road. These matters make the local Dinas Bina Marga need to create a system capable of determining which the priority of road should be improved, so that Bina Marga Office can know the priority of road improvements.

In this study the author uses the method Analytical Hierarchy Process (AHP). This method is used to get the best weight of the criteria to be used. Then between the criteria are compared so as to produce the form of the matrix. The best results of the matrix comparison will be chosen as a priority path that must be fixed. And in this research the road priority that get the highest result is Kuala Lama road until Ara Payung road with the weight is 0,0635

Keywords: Analytical Hierarchy Process(AHP), comparison matrix, road repair, road criteria, priority, decision system