

ABSTRACT

Genting Road - Sp, Uning, Genting Gate District, Central Aceh Regency, Aceh Province Sta 0+000 to 2900+300 is one of the roads that connects Genting Gate District with Linge District. In the existing condition, if you look at it visually, there are several points of damage. Therefore, it is necessary to research the extent of the damage to the road. Research on damage to Genting Gate Road - Sp, Uning uses the Pavement Condition Index (PCI) Method and the Bina Marga Method. The aim of this research is to determine the types of flexible pavement surface damage and the PCI value as well as the appropriate assessment and treatment of damage to flexible pavement using the Bina Marga Method. Based on the evaluation results on the Genting Gate – Sp, Uning road which is 3 km long with a road width of 4 m. From the research results, it can be seen that the PCI value from Sta 0+000 to 2900+300 gets a value of 72.5, which is included in the good quality classification, can be handled using routine maintenance, and is based on the results of evaluations on the Genting Gate - Sp, Uning road along 3 km with a road width of 4 m. From the research results, it can be seen that the value of the Highways Method from Sta 0+000 to 2900+300 gets a value of 2.66. And the PCI result is 72.5 which shows the road is still in good quality.

Keywords: *Road, Damage, Flexible Pavement, Evaluation, Handling.*