ABSTRACT

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Study Program : Urban and Regional Planning

Title : Strategy For Managing Accident Problems In The National Road Segment Of Sambas Regency, West Kalimantan

Oneof the biggest causes of ematian problems in Indonesia is the problem that occurs on the road. From the high number of victims of road accidents that have an impact on asset losses, causing trauma to victims, to the loss of very high human resources. Sourced from accident data from the Sambas Police Traffic Unit in 2022, the number of accident cases that have occurred in 2019 - 2021 is 205 incidents, of the number of accident cases of 150 cases or 73.17% have occurred along the Sambas Regency National Road. The purpose of this study is to determine the strategy for handling areas prone to traffic accidents on the National Road Section of Sambas Regency, West Kalimantan Province. The method that will be used in this study is the Z *Score* method to identify accident-prone areas on the Sambas Regency National Road, as well as using descriptive analysis in identifying the triggering factors for accidents in terms of their existing situation and determining strategies to overcome accident-prone areas on the Sambas Regency National Road, West Kalimantan Province. From the results of this study, it is known that the road sections identified as accident-prone areas from the results of the Z Score analysis calculation on the Sambas Regency National Road Section are Jl. Raya Pemangkat, Jl. Raya Tebas, and Jl. Raya Selakau. Then the actorwho causes the biggest traffic accidents in terms of the existing conditions in accident-prone areas on the Sambas Regency National Highway Section is the infrastructure factor. Then the last one in formulating a strategy for handling accident-prone areas on the Sambas Regency National Road Section, researchers have combined existing conditions with existing GAP so that a handling strategy can be formulated.

Keywords: Traffic accident, Z *Score*, Strategy For Managing