FINAL PROJECT

REPLANNING HIGHWAY REGENCY
KERTOSONO – MOJOKERTO STA 31+100 s/d 34+350 (SECTION 1) BY USE OF RIGID PAVEMENT
JOMBANG - EAST JAVA
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ABSTRACT

Along with the development era, an estimated volume of traffic on the path Kertosono – Mojokerto will increase from year to year. However, the importance of the role of the street is not accompanied with the expected road conditions, and lack of capacity is supported by the high street. To fulfill the demands of the street which is relatively fast, safe, convenient and economical, the government has enhanced customer service by building Kertosono – Mojokereto lane highway (toll road). Where the latter will facilitate the flow of traffic on the segment kertosonocity and Mojokerto city.

The used method with determining capacity of this path is guided by the Indonesian Road Capacity Manual (MKJI 1997), the barrier free path. Geometric Highway to Troll Road), but the

After collecting and processing data, it can be concluded that this Final Project is planned to use the method of Highways with 29 cm thick plate and the required fee of 55,622,480,984,71. While using the AASHTO method 1993, it can be known as 30 cm thick plate and fee of Rp 56,229,353,350,61.

Keyword: Analysis capacity path, geometric path, rigid pavement, over planning drainage and the budget cost.