TRAFFIC MANAGEMENT
DUE TO THE OPERATION OF TERMINAL TYPE C
KENDUNG – BENOWO SURABAYA

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ABSTRACT

The government of Surabaya city will build several new terminals. One of the terminal that'll be built is located in West Surabaya, Benowo district, village Kendung. The development plan of Kendung Terminal is located at Benowo District, West Surabaya, was built with the category of type C terminal, the terminal only serve urban public transportation. Currently, public transportation (lyn), which has ready to passed and entered the terminal Kendung is lyn Z1, previously lyn Z1 rent resident's land as a place to stop.

The analysis of intersection performance and road crossing for the existing condition, in 2012, and for the next 5 years in 2017 is using the method MKJI 1997 with the assistance of the program Microsoft Excel and KAJI.

From the result of analysis that conducted, obtained the result for existing conditions with intersection performance, obtained the result with DS ≥ 0.75. whereas for the performance of the road for all roads still have a reasonably good performance of DS ≤ 0.75. And after kendung terminal is operated in 2012 and 2017, there are 2 movement assumptions of public transport vehicles in Kendung terminal – Benowo terminal, first is percentage for 70% - 30% and second is percentage for 50% - 50%, after that the intersection performance is conducted
using the analysis for no signal intersection and signal intersection with geometric width according to the existing conditions and geometric widening for the intersection of Jl. Sememi – Jl. Kendung Sememi – Jl. Sememi the south approach from 5.4 m to 6.4 m, the west and east approach from 7m to 8m, and the intersection of Jl. Benowo - Jl. Sumber Rejo – Jl. Benowo, the north approach from 6m to 7m the west and east approach from 7m to 8m, then the results of intersection performance obtained with $DS \geq 0.75$, and roads that still have reasonably good performance is $\leq 0.75$.

Key words:
Terminal type C, the performance of intersections and roads, $DS$