TRAFFIC MANAGEMENT
DUE THE TYPE - C HOSPITAL CONSTRUCTION
AT PILANG – SIDOARJO

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Abstract
Conditions of Cemeng Kalang, Pilang and Wonoayu intersection it look have some problems at peak morning and afternoon hours, long queues will occur. It was caused by a number of vehicles crossing the intersection. Because the construction of the Type C hospital in this village, it will caused trip generation and attraction in some intersection and on the streets around the building site's Hospital type C. To overcome these problems, it needs a traffic management that more optimal.

The method used for this evaluation is to process the survey data on the condition of existing vehicles and then process the trip generation. Trip generation from Type C RS was obtained from hospital comparativ likes Siti Khodijah, Fatma and Soerya Hospitals. Then it’s projected to the 2021. Evaluation was carried out by the method of MKJI 1997.

From the results of evaluations that have been conducted, performance from Cemeng and Pilang Intersectiton have the worst conditions with DS>0.85 on the existing condition, after the operation of the Type C Hospitals, and in 2021. By doing traffic management, such as changes become signalized intersections and widening geometric, the second intersection has DS<0.85. This condition lasted until the next 5 years. As for Wonoayu Intersection, the performance is still better that DS <0.85.

Key word : Traffic Management, Type C Hospital, Trip Generation and Trip Attraction