TRAFFIC MANAGEMENT DUE TO CONSTRUCTION OF THE INDUSTRIAL COMPLEX PT MILLENIUM MEGA MULIA

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Abstract

One of the industrial area will be built in Sidoarjo is PT Millenium Mega Mulia which is located at Keboansikep, Sidoarjo. The location is an industrial area with crowded residential and all industrial activities. This case will make the traffic attraction and increase volume of traffic flow in the Gedangan cross section and Sukodono’s road segment.

The method include the formulation of the problem, the study of literature, preliminary surveys, primary and secondary data collection, analysis of existing roads affected, analysis of trip attraction using analog building data and regression methods, analysis of the influence of trip attraction for road performance, and traffic management.

The result shows that the trip attraction value of PT Millenium Mega Mulia is 83 veh/hour for HV and LV, 498 veh/hour for MC. Then the result will be charged to the road network around. The result of this final project is roade widening and flyover to decrease traffic load of that cross section.

Keywords : Road Network, Attraction Analysis, Traffic Management, Cross Section