THE ANALYSIS OF TRAFFIC IMPACT AS THE RESULT OF GIANT CONSTRUCTION

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Abstract

Surabaya is a second metropolis city right after the capital city of Indonesia Jakarta with population growth around 3 million. The condition above certainly must be balanced by the increase of good economical rate, so that people desire with the good as well in order to fulfill their basic needs. But this circumstances has very limited of facility and infrastructure. It can be seen of the lack of facility such as shopping centre existence, including modern or traditional shopping centre. Most of shopping centre in Surabaya are located in the middle of town. So many action have been made by citizens to move away from suburban area to middle are involving transportation. Vehicles definitely are all means that people use so far causing traffic problem.

Giant is one of modern developed shopping centre, stressing to minimize the density of traffic the middle of town by renovating some hypermarket at Diponegoro area located not so far from middle of town. Location selection will be adapted with administration plan which its land courtesy just for commercial purpose, offices, public facility. The development of Giant will be constructed in strategic place has given bad impact to the nearest surrounding area, especially its location has just been in intersection and artery road. To anticipate that matter, in final assignment, we shall discuss on analysis of traffic impact as the result of the development of Giant.
Certain methodology will be used like problem identification, survey, study of literature, group of data primer, and secunder, intersection analysis, urban road analysis and traffic management.

The result gained from the final assignment is to obtain the urban road analysis impact of development Giant with degree of saturation (DS) 0.98 for existing 2009, 0.98 in 2009 when Giant has already existed, 1.23 in 2014, 1.24 in 2014 when Giant has already existed. From degree of saturation above is required traffic management to calculate degree of saturation so it will have a new degree of saturation with amount < 0.85

Key Words : trip attraction, intersection, traffic management, Diponegoro Giant