TRAFFIC MANAGEMENT ANALYSIS TO INTERSECTION KLETEK HIGHWAY - SAWUNGGALING ROAD OF PUSAT PERDAGANGAN AGROBISNIS (PUSPA AGRO) EAST JAVA EXISTENCE

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Abstract

Trading centers such as the wholesale market is almost a necessity most of the population of cities, including Surabaya. Pusat Perdagangan Agrobisnis (PUSPA AGRO) built by the East Java provincial government is not a center of activity economy and the crowd only, but also planned as a place of education and agricultural research. With increased research on agriculture are expected development of agricultural sector in East Java experienced significant improvements.

Puspa Agro was established in the Sawunggaling street, Jemundo area of Sidoarjo district. One of the access road to the Puspa Agro is past the intersection of Kletek Highway - Sawunggaling Road. With the vehicles that enter and exit Puspa Agro will certainly affect the volume of traffic at the intersection.

Currently intersection condition is jammed with the value of DS = 3.274. After Puspa Agro Phase II, which has a rise of 179 pcu / hour intersection volumes increase, so must be having traffic jams. After the management of road widening and changes 4/2D Sawunggaling be green time the phase 2 from 30 seconds to 20 seconds then obtained of DS = 0.888. Puspa Agro completed Phase III of the end of 2011 to make intersection into the DS =
0.952. because DS <1 then do not need to be done due to the operation management Puspa Agro Phase III.

Keyword: traffic management analysis, intersection, Puspa Agro East Java