Nowadays Surabaya doesn’t have a market that can accommodate a wholesaler of fruit and vegetables. Therefore, the Surabaya city government want to build a wholesale market in Osowilangun. Construction of a wholesale market which will have impact on the intersection of roads around the wholesale market. Because of that it is necessary to study the traffic management at these locations.

The study consist of intersection analysis and attraction calculation. For the analysis of intersection based on MKJI 1997, while the calculation attraction use comparison method. The comparison is using Mangga Dua, Keputran and Peneleh Market.

From the three buildings is selected for comparison, that is the biggest attraction 341 pcu / h which occurred at Mangga Dua Market. After analysis of traffic loading and analysis of the intersection at the operation of the wholesale market, Level of Service Margomulyo intersection is B, Degree of Saturation intersection PIOS access 1.15 and Level of Service Romokalisari intersection is F. Traffic Management in intersection PIOS access is widening the main road from 4 m to 7 m, while at the intersection Romokalisari is changing the cycle time from 91 seconds to 100 seconds.

Keywords: the study, attraction, analysis.