

Assessment of Delays & Queues at Signalized Intersections of the Major Roads in Nilai Industrialized Area

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ABSTRACT

This report shows the analysis done on a signalized intersection along the Persiaran Negeri Bandar Baru Nilai which is one of the major roads in Nilai. The analysis is to determine the Level Of Service of the signalized intersection showing whether the current condition of this particular signalized intersection is able to accommodate the traffic flowing in at its busiest time. A signalized intersection with good Level Of Service will be able to control the traffic flow at its busiest time and will not cause much delay to the road users. Data obtained from the site surveying and site studying included cycle time, headway, flow rate and other more, these will be the essential data to analyze the signalized intersection. Possible factor affecting the current condition of the signalized intersection will be shown and discussed. The report will also include the suggestions and possible changes on the signalized intersection to improve the current condition.