

COMPARISON STUDY OF AT GRADE INTERSECTION USING ROUNDBOUT OR SIGNALIZED INTERSECTION

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ABSTRACT

The title of my project is a “Comparison study of at grade intersection using roundabout or signalized intersection”. In each type of intersection control, the main concern is the safety of road users, drivers, passengers and pedestrians. To create a harmony relationship within all kind of road user, different intersection control may be employed.

A study on these 2 types of at grade intersection will produce the advantages and disadvantages of each type of intersection with the best analysis. Through this comparative study, the results may be used to be considered into though before any of these 2 types on intersection control will be implemented in situation best suited for each type of intersection. With the advantages and disadvantages in hand, a simple design of each intersection control will be done according to JKR ARAHAN TEKNIK (JALAN) 13/87 and ARAHAN TEKNIK (JALAN) 11/87