



**DEPARTMENT OF BUILDING
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**ROAD CONSTRUCTION AT KAMPUNG BAN SENG HENG
PARIT BUNTAR PERAK**

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ABSTRACT

The research of this report is to determine the layer of the road construction and factor of choosing type of road. This report will also explain the method and procedure of road construction. The test for choosing type of road had been done a week before the road construction started. An observation and interview with the person involved during the road construction process has been done in completing this final report and the most suitable type of road to be use is bitumen type. In conclusion, this report will be stating some specification on road construction, machine and technique required.

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CHAPTER 1: INTRODUCTION

Road is typically a widely name in the civil engineering and construction section. The main meaning of road is one place connecting to another place which contain a hard ground that people can travel it by using a vehicle. Road are the most important and widely used infrastructure in the world because we use it for our daily life and communication purposes. If road does not exist, people will face trouble in heading to some place or communicate with other. It may take a long time or tough place because there are no suitable way. This road construction has been given a lot of benefit to people in going to some places fast and time saving. In additional, the road are not just focusing on to the public, but they are also being used at airports, bridges, tertiary local roads and others. Furthermore, road construction in this modern area have been upgraded by saving cost, special technique and combination of material. Road construction also have their advantages and disadvantages that has been carry out.

Road construction also have a base just like a building construction. The main function of base is to carry out all the load and transfer it to the soil/ground. The damaging effect of larger and heavier vehicles on our paved roads is well understood and requires the construction of stronger base and pavements. The base has been construct properly and detailed so that it can give a positive result in term of strong, durable and economic. Otherwise, the base will be having trouble and can give bad effect to the layer and road user. In this road construction, the base is different from the base of building. Every road construction has a natural subsoil and the function is to distribute the applied vehicle loads on to the sub-grade. The layer of construction also depends on the research and calculation that has been carried. Mostly road construction in this world use bitumen and asphalt because it have economic environment, durable for long term use and low cost construction.