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THE CHALLENGES IN MAINTAINING
INFRASTRUCTURE IN SEREMBAN

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ABSTRACT

Infrastructure is one of the biggest products in construction industry where it gives benefits to all people. Infrastructure is essential to economic growth, opening connectivity within and between cities and countries while promoting national stability and all authorities and every Malaysian must learn the culture of strong maintenance and make it a way of life. There are many infrastructures problem occur due to poor maintenance which lead to poor quality of infrastructure. Thus, this study attempts to identify the challenges in maintaining infrastructure in Seremban, Negeri Sembilan. Using the quantitative approach, a self-administered questionnaire was distributed to 365 infrastructure consultant and contractor company in Seremban, Negeri Sembilan. All the data collected were analysed using descriptive statistics. The study showed that there are six challenges to maintain infrastructure work difficulties in controlling quality, time and cost effective by using traditional method of contracting, cost of maintenance increases due it takes longer time to do maintenance work, poor quality of contractors, inadequate motivation to contractors, overhead and inspection cost, and lack of training in the organisation. The questionnaire was developed by Google Form and submitted online to the respondents and have been analysed by using SPSS version 26 software. As the result, most of the respondents agree that the challenges in maintaining infrastructure in Seremban is cost of maintenance increase due it takes longer time to do maintenance work.

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CHAPTER 1

1.1 INTRODUCTION

Infrastructure is one of the biggest products in construction industry where will be used by lots of people around the country. The government's intention of strengthening our infrastructure, in particular the railways, is, at the core of it, an attempt to promote long-term economic growth and development. For a developing country, like Malaysia, economic growth and development do not come naturally or on its own. They need to be promoted, induced and planned (Tan Sri Dr Sulaiman Mahmob, 2016). Example of infrastructures are bridges which connect two places, jetty which easy the users to jump in and out from the boat, pump sump which provide facilities in pumping water around the development area, road, sewerage, etc. To ensure the end users will get the benefits of infrastructure for the whole lifetime, the maintaining infrastructure should be cared for. This is because, infrastructure construction products are part of daily use by the people around, for example, the road. In their daily routine, everyone uses the lane. In this post, I will do some research on the challenges of infrastructure maintenance in the construction sector.

Malaysia is regarded as a nation that is proud to deliver First World infrastructure, but not in terms of sustaining this infrastructure (Tan Sri Lee Lam Thye, 2018). This is because, lots of infrastructure especially roads and sewerages were not given a good maintenance such as there are many uneven roads, clogged sewerage and damages of infrastructure. As we knew, everyone will use the infrastructure every day, every hour or maybe every minute. Road will always in busy no matter what is the time and what is the day. Everyone will used water, the main water supply for an area should be always in good condition. Manhole, drainage, sewerage all should be good. So, how to make it good? It is by maintaining the product itself. This is because the product could