

TRAFFIC MANAGEMENT DURING CONSTRUCTION: CASE STUDY OF
FLYOVER AT JALAN BUKIT UBI, KUANTAN PAHANG

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Thesis submitted in fulfillment of the requirements
for the award of the
Bachelor Degree in Civil Engineering

Faculty of Civil Engineering and Earth Resources

UNIVERSITI MALAYSIA PAHANG

JUNE 2017

ABSTRAK

Pengurusan trafik di kawasan pembinaan adalah bahagian penting tanpa risiko kepada kesihatan dan Keselamatan sama ada pendek atau tempoh jangka panjang. Pengurusan trafik termasuklah segala usaha fizikal yang direka untuk menjejaskan pergerakan lalu lintas pada rangkaian yang sedia ada termasuk jumlah trafik dan jenis kenderaan yang digunakan. Kertas ini membentangkan pelaksanaan pengurusan trafik semasa pembinaan jejambat di Jalan Bukit Ubi, Kuantan, Pahang. Kertas ini mengkaji mengenai apa telah digunakan semasa fasa pembinaan jejambat oleh kontraktor-kontraktor, Jurutera dan lain-lain pekerja binaan. Selain itu, Terdapat beberapa perubahan daripada lorong, aliran trafik dll, disebabkan oleh pembinaan jejambat. Selain itu, akan ada sedikit kesesakan trafik semasa pembinaan oleh kerana itu, pengiraan lalu lintas dijalankan semasa dan selepas pembinaan jejambat, yang keduanya berbanding dari segi jumlah trafik dan jenis-jenis kenderaan yang digunakan. Masalah berlaku semasa dan selepas pembinaan jejambat akan dibincangkan lebih lanjut dalam kajian ini.

ABSTRACT

Managing traffic at the construction area is the crucial part without having risks to health and safety whether it is in short or long term duration. Traffic management includes all physical measures designed to affect the movement of traffic on an existing network including the volume of traffic and the type of vehicles used. This paper present the implementation of traffic management during the construction of flyover at Jalan Bukit Ubi, Kuantan, Pahang. This paper study on what have been applied during the construction of flyover by the contractors, engineers and other construction worker. Also, there will be some changes of lanes, traffic flow etc, due to the construction of flyover. Besides, there will be some traffic congestion during the construction. Therefore, traffic counting is conducted during and after the construction of flyover, which both are compared in terms of traffic volume and types of vehicles used. The problems occurred during and after the construction of flyover will be discussed further on this study.