

**DEPARTMENT OF BUILDING SURVEY
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA**

**STUDY OF EFFECTIVENESS OF NOISE CONTROL AT THE
HIGHWAY IN KLANG VALLEY**

**This academic project is submitted in partial fulfillment of the
requirement for Bachelor of Building Surveying (Hons.)**

**AHMAD ZHAFRIE BIN MD JUNUS
(2007275878)
BACHELOR OF BUILDING SURVEYING (HONS)**

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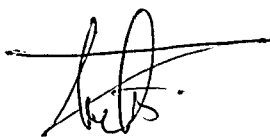
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**“I hereby declare that this academic project is the result of my own research except
for the quotation and summary which have been acknowledge”**

STUDENT'S NAME : AHMAD ZHAFRIE BIN MD JUNUS

SIGNATURE :



UITM NO : 2007275878

DATE : 27 MARCH 2009

ABSTRACT

A peaceful and comfortable life happens to be the dream of anyone. The term of comfortable is unpredictable or it can't be direct translated. Generally, the term of comfort is more to accepted situation. The accepted level is difficult to predict and it depend on the accepted level their own. Some of can handle the level of sound higher than other group. The term peace means there are any distraction from the outer source. The traffic noise is one of the most distractions to the residential nearby. The noise comes from the vehicles noise.

The noise control is the way to reduce the noise level before reach to the receiver. There are several method can be use in controlling according to the location, requirement of noise reduction, space.

One of the methods is noise barrier wall. The barrier wall can be use in narrow space between the source and the receiver. There are several material used in the construction of the noise barrier. The effectiveness of the barrier wall is depending on the total transmission loss by the noise control and the total noise level reach to the receiver. If the noise level reach to the receiver is lower than the standard guideline by the authority it can be declare effective.

ACKNOWLEDGEMENT

In the name of ALLAH S.W.T the Almighty, most benevolent and most merciful.

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TABLE OF CONTENT

ABSTRACT	i
ACKNOWLEDGEMENT	ii
LIST OF FIGURE	iii
LIST OF TABLE	iv
LIST OF CHART	v
LIST OF PHOTO	vi
ABBREVIATION	vii

CHAPTER 1: INTRODUCTION

1.1	Introduction	1
1.2	Problem Statement	3
1.3	Aim	5
1.4	Objective	6
1.5	Scope of research	6
1.6	Methodology	7
	1.6.1 Primary data collection	7
	1.6.2 Secondary data collection	8