

R O A D S A F E T Y

by

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S U M M A R Y

ROAD SAFETY

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The purpose of this project is to investigate road safety problem. Basis of the examination was Cyprus but in various stages of the project reference was made to other countries as well (Comparison between developed and developing countries).

The project started with police statistics for Cyprus, which analysed the last two years (1988 - 1989) and proceeded by analysing the factors contributing to accidents. Nevertheless an attempt was made to recommend some possible changes or improvements in order to help road safety. Then, reference was made to road geometry as a factor leading to safety problems.

After completing the investigation and study of the above some photographs were taken and comments were written for each one. The photographs represent the general situation of a small area in Larnaca.

Finally a junction in Larnaca was in-situ examined to determine the cause of the accidents and a possible solution was suggested. The solution was given after an investigation in the density of the traffic, and the cost of each remedial action that could be taken. Police statistics were used as a guideline to choose the appropriate junction and solution.

Accidents became one of the main causes of fatalities. Furthermore damages to the road are not negligible. As a result there is a great need for some of reducing congestion and a means to prevent accidents.

This made necessary the introduction of a new discipline was called traffic engineering. It is a part of engineering which deals with the planning and design of roads, of freeways, highways,

C O N T E N T S

	Page
SUMMARY	1
INTRODUCTION	2
DEFINITIONS	4
CHAPTER 1 : ACCIDENT STATISTICS	
1.1: Accident Statistics	10
1.2: Accident Statistics for Cyprus	11
1.2.1: Accident analysis	
1.2.2: Accident district analysis	12
1.2.3: Victims analysis	13
1.2.4: Victim district analysis	14
1.3: Conclusions	15
1.3.1: Accidents	
1.3.2: Victims	16
1.3.3: Killed persons	17
1.3.4: Months	
1.3.5: Days	
1.3.6: Hours	18
1.3.7: Place	
1.3.8: Motorcyclists	
1.4: Causes according to frequency	19
1.5: Causes according to severity	
1.6: Accident frequency	
1.7: Measures to protect the pedestrian	
1.7.1: Pedestrian protection	

CHAPTER 2 : FACTORS CONTRIBUTING TO ACCIDENTS

2.1:	Introduction	21
2.2:	Road user characteristics	22
2.2.1:	Vision	
2.2.2:	Hearing	23
2.2.3:	Sex	
2.2.4:	Effect of alcoholic drinks	
2.2.5:	Drugs	24
2.2.6:	Fatigue	
2.3:	Road user factors contributing to accidents	25
2.4:	Road environment as a factor for accidents	26
2.5:	Main causes of accidents which arises from statistics	27
2.6:	Summary	28

CHAPTER 3 : FACTORS CONTRIBUTING TO ROAD SAFETY

3.1:	Road safety improvements	30
3.2:	Essential stages in dealing with safety problem	31
3.3:	Countermeasures beneficial to safety ..	32
3.4:	Measures proposed to improve the night time situation	33
3.5:	Protecting the pedestrian	34
3.5.1:	Measures to protect the pedestrians ...	
3.5.2:	Pedestrian protection	35

3.5.3:	Pedestrian crossings	35
3.6:	The 3 E's'	39
3.6.1:	Education	
3.6.1.1:	Road safety publicity	40
3.6.1.2:	Road safety campaigns	41
3.6.2:	Traffic law enforcement	43
3.6.2.1:	The traffic police	
3.6.2.2:	The treatment of offenders	44
3.6.2.3:	Legislation	46
3.6.3:	Engineering	48
3.6.3.1:	Effect of highway design	
3.6.3.2:	Vehicle safety	49
3.6.3.3:	Vehicle condition and usage	50
3.6.3.4:	Secondary vehicles safety measures	51
3.7:	Summary	53
CHAPTER 4 :	SAFETY AS A FACTOR IN THE GEOMETRIC DESIGN OF ROADS	
4.1:	Geometric design	56
4.2:	General road features	57
4.3:	Design speed	60
4.4:	Sight distances	61
4.4.1:	Safe stopping sight distance	
4.4.1.1:	Perception-reaction time	62
4.4.1.2:	Braking distance	
4.4.2:	Passing sight distances	63
4.5:	Road environment, safety considerations	64
4.5.1:	Highway type	

4.5.2:	Intersections	68
4.5.2.1:	At grade intersections	73
4.6:	Traffic signs and carriageway markings	78
4.6.1:	Making signs effective at night	79
4.7:	Traffic signals	80
4.7.1:	Advantages	
4.7.2:	Disadvantages	81
4.8:	Roundabouts	82
4.9:	Traffic signals versus roundabouts	84
4.10:	Highway lighting	85
4.11:	The use of one-way and safety	87
CHAPTER 5 :	LARNACA. THE EXISTING SITUATION AND WAYS OF IMPROVING IT	
5.1:	Site investigation	89
5.2 - 5.11:	Photos in Larnaca	90
5.12:	Cross section. Existing situation and proposal	119
5.12.1:	Codification used in the previous table	122
5.12.2:	Information given from the table	
CONCLUSIONS	123
REFERENCES	125
APPENDIX A	(STATISTICS)	
APPENDIX B	(POLICE CAMPAIGNS)	
APPENDIX C	(SIGNS)	