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## SAFETY IN ROADS & HIGHWAYS

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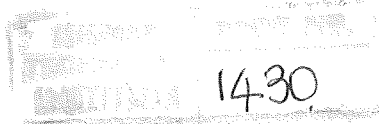
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## SUMMARY

### SAFETY IN ROAD & HIGHWAYS

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The purpose of this project is to investigate road and highway safety in Cyprus.

To accomplish this a number of crossings in Nicosia, a rural road and a highway were examined. Each separate case whether road, junction or highway was investigated separately. The investigation consisted of the gathering of information relating to the number of accidents occurring over the past few years (i.e. the main cause of the accident, the severity of the accident etc.).

Having in mind the above information in-situ examinations were carried out to determine the cause of the accidents in each separate case. When examining the crossings and sections of roads and highways for faults the following factors were considered:

1. The condition of the road surface,
2. The alignment of the road,
3. The sight distance,
4. The density of the traffic,
5. The existance of the necessary traffic signs,
6. Speed limit and speed of traffic,
7. Environmental area (residential, agricultural, industrial areas etc.),
8. Types of crossings in the road.

After completing the investigation and study of the above some possible solutions were suggested to improve or solve the existing situation.

These solutions were proposed after taking into consideration the density of traffic for each case (i.e. how busy the intersection, road or highway is), in conjunction with the cost of each alternative solution. Additionally before proposing a solution the International and Cyprus Standards (i.e. criteria for the installation of traffic lights, making a street on-way, etc.) were considered.

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