

DESIGN OF VERTICAL AND TRANSITION
CURVES OF A SECTION OF NEW ROAD
BETWEEN NICOSIA AND LARNACA

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S U M M A R Y

The present report deals with the design of vertical and transition curves of a section of New Road between Larnaca and Nicosia , with a special emphasis at St. 15+350 to St. 16+000 which is about to constructed.

The report describes the steps followed in the design of vertical curves.

Enough informations were given in Appendix I & II about the soil investigation done for Limbia / Dhali Bridge at St. 15+650 and Limbia 2 Bridge at St. 13+350 with Laboratory Test Results.

Chapter 3 deals with the method of construction of Mass Haul Diagram (M.H.D.).

A typical example was given in Appendix III showing the Cuts and Fills from St. 15+350 to St.16+000 of the New Road.

In Chapter 1 Traffic Studies were examined , and the Average Yearly Traffic of the existing road between Larnaca and Nicosia in 1988 were given.

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