

**- HIGHER TECHNICAL INSTITUTE -**

**DEPARTMENT OF CIVIL ENGINEERING**

**- DIPLOMA PROJECT -**

**Production, Transport and Laying of Asphaltic  
Concrete**

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## **SUMMARY**

### **PRODUCTION TRANSPORT AND LAYING OF ASPHALTIC CONCRETE**

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The purpose of a flexible pavement surface is to produce a structural system that will carry traffic conveniently and safely at minimum cost. The composition, preparation, placing and finishing of the mixture is performed under rigid standards. The thickness of the surface may vary slightly depending on the type of surface and it's purpose.

The performance of an Asphalt/bituminous road is influenced by some factors such as flexibility, durability, stability, workability etc. A discussion is presented on the mechanical properties of bituminous/aggregate mixtures together with the methods, techniques and equipment used for the production, transport, laying and compaction of asphaltic concrete. Also the major features of various checks and tests necessary for checking the raw materials and finished product are mentioned.

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