

## REQUIREMENTS FOR ARTIFICIAL STRUCTURES ON HIGHWAYS

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**Abstract:** This article describes the artificial structures on highways, and the requirements for them.

**Keywords:** artificial construction, requirements, exploitation, ecological, architecture, computational design requirements.

Login .Roads are one of the most important interconnected networks in the life our society. The need artificial stuctures to make it easier for us to cross various obstacles. Man-made stuctures on airways are man-made stuctures designed to facilitate the movement of vehicles.

In order for artificial structures on roads to be able to serve comfortably for a long time, they must be able to meet certain requirements. We divide them into the following groups according to the types of their goals and abjectives:

Computational design requirements- these requirements must be sufficient for the integrity of the structure and each of its elements separately, priority and integrity. According to this requirement, each element of the structure should be strong and connected to each other as a single structure;

Econimic demand- these requirements should be us low as possible, taking into account the full cost of the structure, operating costs during operation, the costs of repairs or reconstruction of some parts, as much as possible, taking into account other requirements. Taking into account each requirement, we follow this requirement when choosing a design;

According to architectural requirements, the appearance of the buildings should be beautiful, in harmony with the environment and urban planning;

Environmental requirements are among the requirements that have become especially important in recent years. The need to protect the environment is becoming a necessity of life. Therefore, it is required not to have as much impact on the environment as possible during the design of projects and during the construction of facilities;

Operational requirements the use of the facility should be comfortable and safe throughout the life of the facility.

Taking into account the above requirements should be carried out mainly during the design work of the facility.

However, everything from exploration to design, construction and operation is required to be of high quality.

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