



DESIGN OF ROADS

Axatova Kamola Shuxratovna

Termez branch of Tashkent State Technical.

University 2nd year student

tel: +998937612603

@ kamolaaxatova_email.com

Article history:	Abstract:
Received: May 10 th 2021 Accepted: June, 11 th 2021 Published: July, 7 th 2021	The purpose of our highway design is all for the free movement and safety of vehicle will improve the roads based on a number of projects based on needs.
Keywords: Transport systems, materials, soils, gravel, slopes, highway project.	

Looking back, there is a lot of demand and need for the road sector is becoming higher. Because there is so much need on the road free movement of people, traders and trucks creates the ground for. This is one of the strategic issues remains. Therefore, for the common good, for the welfare of the country to form a project of roads which will serve gratuitously, and we need to develop perfectly, zero difficulty in moving the population do not give birth. Our country is far from ocean and waterways that is why the importance of road tracks is great to set up both economic and political processes in foreign trade and the need for roads is enormous. When designing each path also taking into account its all-round convenience and importance otherwise you will need to create a project. The importance of road design in the national economy is natural conditions and efficiency, economy and efficiency of road transport.

The safety of all elements of the road, taking into account the complex The principles of feasibility study of the dimensions, as well as in places considering the ways to choose the direction of the road and create a project for its construction is an emerging academic discipline, the design of its paths is complex and modern is an engineering type of construction. They are high-flow auto of the machine which do not damage the tires when moving and their own be able to exhibit dynamic properties, turns, ups and downs or ascending, descending, and searching for paths it must not produce perfection and be safe. Road surface durable and machine all year round in our design It should not damage the tires and should not slip. It should be able to maintain the speed of the car. melting and wetting of water flowing over the road) similar effects will be under. Therefore, these effects are taken into account in road design received designers, builders, operational service personnel. The above-mentioned personnel ensure the safety of the road throughout the year should go and design in this case. This feature should be taken into account by designers, builders, maintenance personnel. Employees listed above must ensure road safety

throughout the year. an extended meeting was held. Road design and during a 2016 meeting on similar priorities by system enterprises on public highways total 1.3 trillion. more than UZS construction, repair and maintenance works have been completed. A few at that meeting systems were planned: including:
-In accordance with the investment program in 2016, the length of 176.3 km construction and reconstruction of public roads

The work to be done was specified in the contract and the approved plan According to the results of the year, 255.9 km of roads were reconstructed, which is 428.8 billion soums general of international, national and local importance during the reporting period in use

By enterprises and organizations in the system of Uzavtoyol company 83.2 billion soums spent on overhaul of roads soums worth of work has been done, 94.4 km of public roads are full repaired; 42,654 km of highways and city streets, including the Uzbek National Highway maintenance of public highways and 632 billion soums in 2016 for current repairs assimilated.

-exemplary housing by company enterprises and organizations

construction of access roads to the massifs, domestic roads and city streets

and \$ 163.8 billion for repairs. soums were spent.

Road - road transport engineering structure for traffic. Depending on the importance of the highway, international, state (republican) and local significance divided into paths that have. International Countries on the highway, major industries connecting the centers and is economical roads that matter. State major industrial centers on important roads, important railway stations, piers and other connecting roads, local and roads, provinces, villages, and collective farms paths. Highway engineering from the following elements as a structure consists of: a footrest; the way bedding; carriageway; roadside; artificial and linear structures and other equipment. Road natural or soil elevation, consists of foundations and coatings. Basic (medium layer) sand, gravel, stone, slag and shale



made of materials. Of the highway Depending on the importance, the following coating types used: a) sandy soil, gravel to the surface scattered low-grade coatings; b) black coverings laid with soaked gravel or crushed stone ;, c) crushed stone and light mixed with gravel coatings; g) asphalt-concrete, cement-concrete such as capital coverings. The width of the roads two or more rows of cars allows you to walk. A row width up to 3 m. Edge roads The width is 2 -2.5 m. Ease of movement sometimes in the middle of the road in order to ensure planted at a certain width. Artificial structures in highway construction (tunnels, bridges, retaining walls, protection corridors) are built. Water on the highway conductive and drainage devices.

A way to ensure traffic safety signs, indicators, protection devices and traffic flow control devices are established.

REFERENCES

1. Press service of "Uzavtoyol" JSC
2. From the data of the National Encyclopedia of Uzbekistan 2000-2005.
3. O'zMe. The first volume is from a new publisher.