



INTEGRATION OF CYCLING INTO THE CITY PUBLIC TRANSPORT SYSTEM (CPTS)

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Abstract

This article describes in detail the measures for integrating cycling into the urban public transport system (UPTS), the technological study of UPT, the study of modern equipment and technologies that can increase its logistical capacity, and the creation of special lanes for this means of transport.

Kalit so'zlar: bicycle transport, logistics, integration, technology, tizim, technology, iktisodiyot, infratusilma, harakat.

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Annotation

This article describes in detail the measures for integrating bicycle transport into the urban public transport system, a technological study of the public transport system, a study of modern methods and technologies that can increase its logistical capabilities, and the need to create special transport lanes for this purpose .

Key words: Bicycle transport, logistics, integration, technology, system, equipment, economics, infrastructure, movement.

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Abstract. This article describes in detail the measures to integrate bicycle transport into the Urban Public Transport System, the technological study of the Public Transport System, the research of modern techniques and technologies that can increase its logistic capacity, the need to create special lanes for this means of transport. .

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It is impossible to create the basis of a developed society without a transport system that includes highly developed modern equipment and technologies. Because transport is an important component of the development of entrepreneurship in the country. Transport logistics studies the development patterns of these transport networks from three main points of view, based on the functional goals and objectives of the sector.

It is urgent to create a more balanced and sustainable transport system in terms of the share of transport modes, focusing on the population's attention to walking and cycling [1]. The composition of the SHTT innovative transport technologies attraction verb of the matter from the solutions one this to the system integration of bicycle transport effective is considered .

1. In order to integrate bicycle transport into the composition of the SHZHT:

Firstly, as an integral part, a link, of the complex infrastructure of a given territory;

Secondly, design as a factor in the placement and development of transport, economic, and logistics infrastructure, or rather, as a prerequisite for the establishment and development of business entities and productive forces ;

Thirdly, it requires study as one of the largest sectors of the national economy. Because transport is one of the main factors affecting and changing the environment. Therefore, when studying transport from a logistical perspective, it is necessary to analyze the natural conditions of cities. At the same time, natural conditions also have a significant impact on the development of this transport network. In particular, the relief features of the road construction sites, geomorphological conditions, etc. are taken into account. At the same time, climatic factors, avalanches, air temperature, rainfall, wind, etc. have a significant impact on the construction and operation of automobile and metro roads. Nowadays, it is becoming an important issue to study such problems as integrating and coordinating bicycle transport into the general network in cities, analyzing the role of this transport in the socio-economic life of the city population, and organizing environmentally friendly transport infrastructure. However, despite this, the SJTT, especially its problems in a market economy, have not been studied in detail. Therefore, the study of this area in our Republic is currently relevant. Despite the research and achievements in the economic sphere of industry, agriculture, public services, and even recreation and tourism, the number of monographs, dissertations, and scientific works devoted to the logistics of urban transport remains small. In this regard, it is necessary to study the technological aspects of urban transport, to study modern techniques and technologies that can increase its logistical capacity. **Urban transport logistics** is the study of the laws of the centralized formation of various types of transport in the city, taking into account the main factors and characteristics of the development of urban transport networks, and to It identifies the specific features, certain regularities and, above all, logistical differences of individual transport modes, requires the purposeful placement and development of transport modes and their intersections, taking into account the interconnections between them, and their operation on the basis of multimodal transport technologies in accordance with each other. At the same time, it allows studying the impact of transport on the location and development of residential areas, shopping malls, educational institutions and other areas of the city under study with high passenger flow, and discovering new regularities between the transport networks.

2.To bicycle transport to be done investments and second at the level fruits evaluation . Proposal Integrating the bicycle route into the proposed SJTT this all other transport routes tracks , bicycle tracks furnishing to the standards [2] appropriate that is , 4 meters two side by side mobile and 3 meters one side by side on a bicycle mobile corridors organization to achieve , to reduce demand is enough To the analysis according to , Tashkent in the city of 2016 from the disposal released tram lines instead of 86 , 4 km 12 radial bicycle lanes of the streets two by or street along organization verb , equipment for initial hypothetical to evaluate according to 63 , from 8 million euros to 126 million euros money demand It is said . The road conductor tunnels and modification of bridges (re to equip events again additional investment demand is enough These costs further reduction , investments optimization for the purpose of the streets regular reconstruction cycle paths during built to go recommendation We will . So so that x needs synergistic impact through reduction and effective to do can

Combined cycle paths network transport solution as to do from increased then , daily in goals on a bicycle the number of walkers is steep This will increase the number of new bicycle infrastructure . and maintenance to show investments in the city new work their places to create possibility gives .

3. As a secondary effect of this measure, the demand for bicycle sales and additional services and bicycle accessories will increase. Urban areas with bicycle infrastructure will attract consumers. Retail, industry, tourism, creative and food industries, and real estate will benefit from the implementation of bicycle infrastructure. The creation of a bicycle network has other positive effects, such as protecting people's health. A person who replaces a car with a bicycle will be more physically active, will make less noise, and will reduce harmful gas emissions into the atmosphere to zero. Physical activity of the population is important in preventing premature death, since premature death is often associated with low physical activity in everyday life.

The use of bicycles by the population poses less of a risk to others than cars from a traffic safety perspective and reduces the level of road traffic accidents, thereby reducing their severity. In recent years, Uzbekistan has ranked 6th in the world in terms of premature deaths due to medically attributable road traffic accidents (RTAs).

4. Recommendations:

For bicycle infrastructure to achieve its goals, it must have the following:

clear, clearly developed concept;

installation of easy-to-use road signs that are visible in any conditions and are self-explanatory;

taking into account all the mistakes of cyclists and taking measures against them;

To ensure that the lane is as straight as possible and that the shortest route is chosen when cycling "door-to-door";

ubiquity of bike rental shops and proximity to every home and places of interest;

For convenience, there are lanes with a smooth surface that are wide enough for cyclists to ride side by side or pass each other;

Attracting more people by making it more attractive for everyone.

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